

POWER » COMPUTER » TELECOMS » DATA

CATALOG

7

**TOOLS
CABLES
CONNECTORS
POWER SUPPLIES**

Dear Customer,

Welcome to the 7th edition of our Product Catalog.

This edition showcases additional variations of our core products. A quick browse of the catalog highlights the wider range of voltages for our power supplies and additional lengths and colors for many of our power, telephone and data cables.

Since our last product catalog was published, we've upgraded our Sydney warehouse facilities and relocated our Brisbane & Melbourne branches to new premises. All branches now have new telephone and fax numbers due to installation of upgraded telephone systems.

Our website www.accesscomms.com.au allows online viewing of this catalog, provides product specifications and includes an extensive technical reference section. Any changes or additions to our product range are immediately added to our website:

www.accesscomms.com.au/newproducts

Thanks for your valued and continued support.

Best regards

Management and Staff

Access Communications Pty Ltd

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New Telephone & Fax Numbers

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Fax: (03) 9330 8330



Brisbane Branch

New Location

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New Telephone & Fax Numbers

Tel: (07) 3308 5555

Fax: (07) 3308 5500



CABLES

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- 2 Conductor Flat Line Cord
- 4 Conductor Flat Line Cord
- 5 Conductor Shielded Flat Line Cord
- 6 Conductor Flat Line Cord
- 8 Conductor Flat Line Cord
- 8 Conductor Braided/Shielded Cable
- 10 Conductor Flat Line Cord
- Cat-5E FTP Stranded Patch Cord
- Cat-5E 2-Pair Patch Cord with Stranded Conductors
- Cat-5E Patch Cord with Stranded Conductors
- Cat-5E LAN Cable with Solid Conductors
- Cat-6 Patch Cord with Stranded Conductors
- Cat-6 LAN Cable with Solid Conductors
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- RG6/U Quad-shield Coaxial Cable
- RG59/U Solid Copper Coaxial Cable
- RG59/U Copper Clad Steel Coaxial Cable
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- High Grade Speaker Cable
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- BNC 2-piece Crimp Plug
- BNC 3-piece Crimp Plug
- BNC Female Crimp Plug
- BNC Female Compression Connector
- BNC Coupler
- BNC Double Adaptor
- BNC Male to F-type Female Adaptor
- F-type Crimp Plug for RG6/U
- F-type Compression Connector
- F-type Female Compression Connector
- RCA Compression Connector
- RCA Premium Compression Connector
- RCA / BNC Adaptor
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- Patch Panels
- Wall Bracket
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- Cable Management Unit
- Cage Nut Sets
- Modular/DB Adaptor
- Cat 5 Splitter
- Cat-5E Splitter
- Cat 5E Coupler
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Duplex Side Entry Surface Mount
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Flush Wall Plate
Duplex Flush Wall Plate
F-Connector Flush Wall Plate
F-Connector/Telephone Flush Wall Plate
Wall Phone Bracket
Wall Phone Bracket with Side Entry Sockets
T200/T400 Wall Mount Kit
Modular Double Adaptor
Modular Triple Adaptor
Splitter
Modular Coupler
Modular 3-Way Coupler
Modular Reducer
Handset/Headset Trainer Adaptor
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Case Mount Sockets
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4 Position AMP Modular Plug
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Gel Connector Crimp Tool
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Cutter Stripper
Round Cable Stripper
Coaxial Cable Stripper
IDC Impact Tool
IDC Connection Tool with Sensor
Keystone Safety Impact Chassis
F-Set Tone Probe Kit
LAN Cable Tester
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REFERENCE 34-40

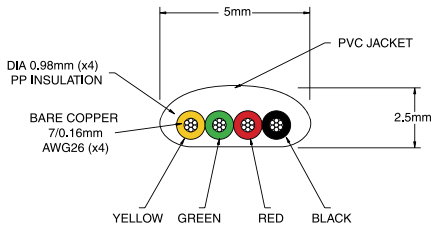
TERMS & CONDITIONS 41

Flat Line Cord



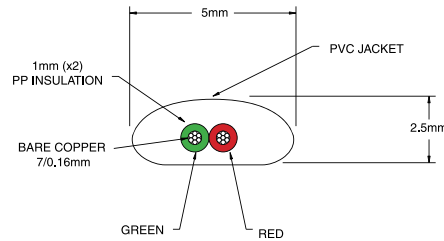
General purpose flat telephone line cord suitable for termination to modular plugs. 7/0.16mm² stranded copper conductors. UL type 20251. Available in various colors and reel sizes.

4 Conductor



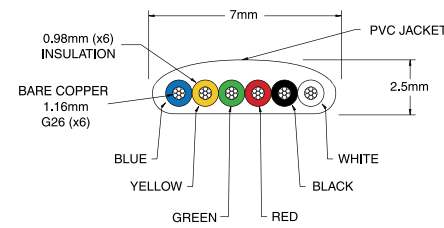
CAT #	COLOR	REEL SIZE
Y9206	Ash	100 Metre
Y9211	Black	100 Metre
Y9255	Green	100 Metre
Y9201	Ivory	100 Metre
Y9271	Light Grey	100 Metre
Y9251	Pink	100 Metre
Y9257	Red	100 Metre
Y9253	Yellow	100 Metre
Y9205	Ash	500 Metre
Y9210	Black	500 Metre
Y9254	Green	500 Metre
Y9200	Ivory	500 Metre
Y9270	Light Grey	500 Metre
Y9250	Pink	500 Metre
Y9256	Red	500 Metre
Y9235	White	500 Metre
Y9252	Yellow	500 Metre

2 Conductor



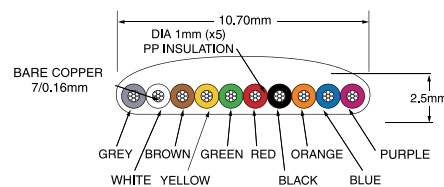
CAT #	COLOR	REEL SIZE
Y9105	Ash	500 Metre
Y9110	Black	500 Metre
Y9100	Ivory	500 Metre

6 Conductor



CAT #	COLOR	REEL SIZE
Y9306	Ash	100 Metre
Y9311	Black	100 Metre
Y9303BLU	Blue	100 Metre
Y9301	Ivory	100 Metre
Y9305	Ash	500 Metre
Y9310	Black	500 Metre
Y9300	Ivory	500 Metre
Y9320	Yellow	500 Metre

10 Conductor



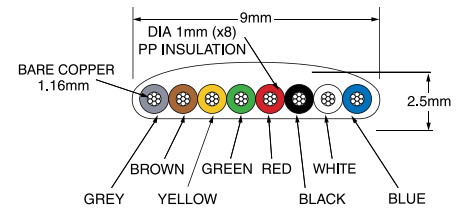
CAT #	COLOR	REEL SIZE
Y9505	Ash	200 Metre
Y9510	Black	200 Metre
Y9515	Yellow	250 Metre

RELATED PRODUCTS

Modular Plugs
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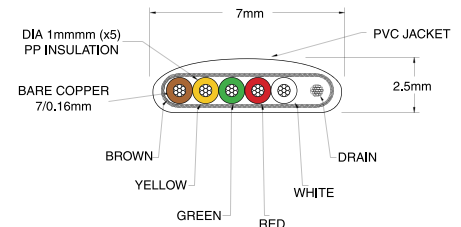


8 Conductor



CAT #	COLOR	REEL SIZE
Y9406	Ash	100 Metre
Y9411	Black	100 Metre
Y9401	Ivory	100 Metre
Y9405	Ash	500 Metre
Y9410	Black	500 Metre
Y9400	Ivory	500 Metre

5 Conductor Shielded



5 conductor shielded flat cord with drain wire. The 5 conductors are 26AWG PP insulated 12/0.12mm² tinned stranded copper. Drain wire is copper foil wrapped 24AWG 9/0.12mm². Shield is aluminium/polyester tape.

CAT #	COLOR	REEL SIZE
Y9010	Ash	200 Metre

RELATED PRODUCTS

Modular Crimp Tools
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Pull Box



Our Cat-5E and Cat-6 cables are available packed in durable Datamaster® 305 metre 5-ply pull-boxes.

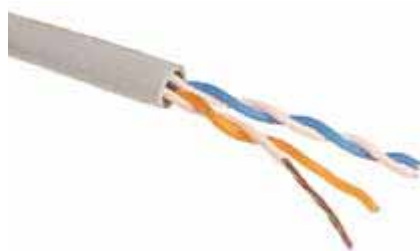
Cat-5E FTP Stranded Cable



Shielded FTP (Foil Twisted Pair) Cat-5E cable with 7/0.20mm² stranded conductors in 4 twisted pairs. Conductors are wrapped with aluminium foil shield and mylar tape. Tinned 7/0.30mm² drain wire. Count-down metre-marking.

CAT #	COLOR	REEL SIZE
Y8153BLU	Blue	305 Metre
Y8153GRY	Grey	305 Metre

Cat-5E 2-Pair Patch Cord with Stranded Conductors



2-pair Cat-5E patch cord with 2 twisted pairs 24AWG with 7/0.20mm² stranded conductors as used for ISDN patch cords and other applications. Supplied on 305 metre reels. Count-down metre-marking.

CAT #	COLOR	REEL SIZE
Y8123GRY	Grey	305 Metre

Cat-5E Patch Cord with Stranded Conductors



Our quality Cat-5E patch cord is suitable for assembly of patch cords and is available in 11 colors. 4 twisted pairs 24AWG with 7/0.20mm² stranded conductors. Available on 100 and 305 metre reels or in durable 305 metre 5-ply pull-boxes. Count-down metre-marking.

CAT #	COLOR
305 Metre Pull Box	
Y8100ASH	Ash
Y8100BLK	Black
Y8100BLU	Blue
Y8100GRN	Green
Y8100GRY	Grey
Y8100ORA	Orange
Y8100PNK	Pink
Y8100PUR	Purple
Y8100RED	Red
Y8100WHI	White
Y8100YEL	Yellow

CAT #	COLOR
305 Metre Reel	
Y8103ASH	Ash
Y8103BLK	Black
Y8103BLU	Blue
Y8103GRN	Green
Y8103GRY	Grey
Y8103ORA	Orange
Y8103PNK	Pink
Y8103PUR	Purple
Y8103RED	Red
Y8103WHI	White
Y8103YEL	Yellow
100 Metre Reel	
Y8101ASH	Ash
Y8101BLU	Blue

Cat-6 Patch Cord with Stranded Conductors



Our quality Cat-6 patch cord is suitable for assembly of patch cords. Our special P2176 modular plugs must be used when terminating this cable to achieve Cat-6 performance. 4 twisted pairs 24AWG with 7/0.20mm² stranded conductors. Available in 305 metre durable 5-ply pull-boxes with count-down metre-marking.

CAT #	COLOR	LENGTH	PACKING
Y8600BLU	Blue	305 Metre	Pull-box
Y8600GRN	Green	305 Metre	Pull-box
Y8600PUR	Purple	305 Metre	Pull-box
Y8600RED	Red	305 Metre	Pull-box
Y8600YEL	Yellow	305 Metre	Pull-box

Cat-5E LAN Cable with Solid Conductors



For Cat-5E premises wiring. 4 twisted pairs with solid copper conductors suitable for IDC terminations to patch panels and wall jacks. Available on 100 metre reels or in durable 305 metre 5-ply pull-boxes. Count-down metre-marking.

CAT #	COLOR	LENGTH	PACKING
Y8401BLU	Blue	100 Metre	Reel
Y8400BLK	Black	305 Metre	Pull-box
Y8400BLU	Blue	305 Metre	Pull-box
Y8400GRN	Green	305 Metre	Pull-box
Y8400GRY	Grey	305 Metre	Pull-box
Y8400PNK	Pink	305 Metre	Pull-box
Y8400RED	Red	305 Metre	Pull-box
Y8400WHI	White	305 Metre	Pull-box
Y8400YEL	Yellow	305 Metre	Pull-box

Cat-6 LAN Cable with Solid Conductors



Cat-6 cable for the installation of premises wiring. Four 23AWG twisted solid copper pairs suitable for IDC terminations on patch panels and wall jacks. Pairs are separated by a PVC spline which maintains cable geometry and separation between pairs. Available on 100 metre reels or in durable 305 metre 5-ply pull-boxes with count-down metre-marking.

CAT #	COLOR	LENGTH	PACKING
Y8501GRY	Grey	100 Metre	Reel
Y8500BLU	Blue	305 Metre	Pull-box
Y8500GRN	Green	305 Metre	Pull-box
Y8500GRY	Grey	305 Metre	Pull-box
Y8500RED	Red	305 Metre	Pull-box
Y8500YEL	Yellow	305 Metre	Pull-box

UL2024 8 Conductor Braided/Shielded Cable



UL2024 cable with 8 x 20AWG stranded conductors plus drain wire. Braid and foil shielding with black jacket.

CAT #	REEL SIZE
Y8140	150 Metre

General Purpose 14/0.20 Figure-8 Cable



new

Suitable for speakers and other low voltage applications. Supplied on 100 metre polypropylene roll. Black trace-line on one side of the PVC jacket provides an easy means of identifying the (+) and (-) conductors, eliminating polarity-reversals during installation. Each conductor has 14 strands of 0.20mm diameter copper wire giving an overall conductor-size of 21AWG. PVC jacket OD is 2 x 2.0mm². Standard jackets colors are white and grey.

CAT #	COLOR	REEL
Y3401GRY	Grey	100 Metre
Y3401WHI	White	100 Metre
Y3402GRY	Grey	250 Metre
Y3402WHI	White	250 Metre
Y3404GRY	Grey	500 Metre
Y3404WHI	White	500 Metre

General Purpose 24/0.20 Figure-8 Cable



General purpose figure-8 cable suitable for speakers, security systems and other low voltage applications. Printing on one conductor provides easy identification to avoid polarity-reversals during installation. Each conductor has 24 strands of 0.20mm diameter copper wire giving an overall conductor-size of 0.75mm² (20AWG). Standard jacket color is white. Supplied on 100, 250 and 500 metre strong polypropylene reels.

CAT #	COLOR	REEL
Y3405BLK	Black	100 Metre
Y3405GRY	Grey	100 Metre
Y3405RED	Red	100 Metre
Y3405WHI	White	100 Metre
Y3406BLK	Black	250 Metre
Y3406GRY	Grey	250 Metre
Y3406RED	Red	250 Metre
Y3406WHI	White	250 Metre
Y3407BLK	Black	500 Metre
Y3407GRY	Grey	500 Metre
Y3407RED	Red	500 Metre
Y3407WHI	White	500 Metre

High Grade OFC Speaker Cable



High quality Oxygen Free Copper (OFC) speaker cable for excellent performance. The flat edge on one side of the transparent PVC jacket and printing on one conductor provide easy identification to avoid polarity-reversals during installation. Each conductor has 189 strands of 0.10mm diameter Oxygen Free Copper (twisted in 7 groups of 27) giving an overall conductor-size of 1.5mm² (approx 15AWG). Supplied on 100 Metre roll with count-down metre marking.

CAT #	REEL
Y3420	100 Metre

Heavy Duty Speaker Cable



Quality figure-8 speaker cable with transparent PVC jacket. One conductor is tinned copper and the other is bare copper with a white trace-line providing easy identification and to avoid polarity-reversals during installation. 2 x 41/0.20mm² (16AWG). Supplied on 100 metre, strong polypropylene reels with count-down metre-marking.

CAT #	JACKET	CONDUCTORS	REEL
Y3416	2 x 3.60mm ²	41/0.20mm ²	100 Metre

Extra Heavy Duty Speaker Cable



Quality extra heavy duty figure-8 speaker cable with transparent PVC jacket. White trace-line on one conductor provides easy identification to avoid polarity-reversals during installation. 2 x 79/0.20mm² (13AWG) conductors. Supplied on 100 metre, strong polypropylene reels with count-down metre-marking.

CAT #	JACKET	CONDUCTORS	REEL
Y3424	2 x 3.60mm ²	79/0.20mm ²	100 Metre

High Grade Speaker Cable



Quality high grade, heavy duty figure-8 speaker cable with transparent PVC jacket. Blue trace-line on one conductor provides easy identification to avoid polarity-reversals during installation. (7x37)259/0.12mm² (12AWG) twisted conductors. Supplied on 100 metre, strong polypropylene reels with count-down metre-marking.

CAT #	JACKET	CONDUCTORS	REEL
Y3428	2 x 5.05mm ²	(7x37)259/0.12mm ²	100 Metre

2-Core Mains Flex



2-core round or flat light duty mains flex with 0.75mm² conductors. Available in various jacket colors on strong reels.

CAT #	CONDUCTORS	JACKET	DUTY	HAR TYPE	COLOR	REEL
Y6302 BLK	2 x 0.75mm ²	Flat	Light	H03VVH2-F	Black	100 Metre
Y6302 WHI	2 x 0.75mm ²	Flat	Light	H03VVH2-F	White	100 Metre
Y6301 BLK	2 x 0.75mm ²	Round	Light	H03VV-F	Black	100 Metre
Y6301 -420	2 x 0.75mm ²	Round	Light	H03VV-F	Grey	100 Metre
Y6301 WHI	2 x 0.75mm ²	Round	Light	H03VV-F	White	100 Metre
Y6305 BLK	2 x 0.75mm ²	Round	Light	H03VV-F	Black	500 Metre

3-Core Mains Flex



3-core, round, light duty or general duty mains flex with 0.75mm², 1.00mm² or 1.50mm² conductors. Available in various jacket colors on strong reels.

CAT #	CONDUCTORS	JACKET	DUTY	HAR TYPE	COLOR	REEL
Y6501 BLK	3 x 0.75mm ²	Round	General	H05VV-F	Black	100 Metre
Y6501 -420	3 x 0.75mm ²	Round	General	H05VV-F	Grey	100 Metre
Y6501 ORA	3 x 0.75mm ²	Round	General	H05VV-F	Orange	100 Metre
Y6501 WHI	3 x 0.75mm ²	Round	General	H05VV-F	White	100 Metre
Y6507 BLK	3 x 0.75mm ²	Round	General	H05VV-F	Black	500 Metre
Y6502 BLK	3 x 1.00mm ²	Round	General	H05VV-F	Black	100 Metre
Y6502 -420	3 x 1.00mm ²	Round	General	H05VV-F	Grey	100 Metre
Y6502 ORA	3 x 1.00mm ²	Round	General	H05VV-F	Orange	100 Metre
Y6502 WHI	3 x 1.00mm ²	Round	General	H05VV-F	White	100 Metre
Y6510 BLK	3 x 1.00mm ²	Round	General	H05VV-F	Black	500 Metre
Y6503 BLK	3 x 1.50mm ²	Round	General	H05VV-F	Black	100 Metre
Y6503 -420	3 x 1.50mm ²	Round	General	H05VV-F	Grey	100 Metre
Y6503 ORA	3 x 1.50mm ²	Round	General	H05VV-F	Orange	100 Metre

RG6/U Dual-shield Coaxial Cable



RG6/U dual-shield 75 ohm coaxial cable for TV and security camera applications. Low-loss for use on long runs. Aluminium braid and foil shield. Gas-injected (foamed) PE dielectric. Copper clad steel conductor for tensile strength and reliable connection to F-connectors. Black jacket with count-down metre-marking.

CAT #	REEL
Y8021	100 Metre
Y8023-002	305 Metre
Y8025-002	500 Metre

RG59/U Solid Copper CCTV Coaxial Cable



RG59/U coaxial cable for CCTV/Security Camera and TV use. Braided copper shield has 95% coverage and dielectric is solid PE. Solid copper conductor. Black jacket with count-down metre-marking. Supplied on 100 metre, 250 metre or 500 metre strong polypropylene reels or 305 metre reel-in-a-box.

CAT #	LENGTH	PACKING
Y8057-002	100 Metre	Reel
Y8056-002	250 Metre	Reel
Y8053-003	305 Metre	Reel-in-a-box
Y8055-002	500 Metre	Reel

RG59/U Solid Copper CCTV Composite Coaxial Cable



Composite cable containing an RG59/U coaxial cable plus two 24/0.20mm² conductors (one red, one black) for power feed. Suitable for CCTV/Security Camera use where a power feed is required for the camera and/or pan/tilt mechanism. Solid copper core. Outer jacket is flexible black PVC.

CAT #	LENGTH
Y8063-002	100 Metre
Y8062-002	250 Metre

RG6/U Quad-shield Coaxial Cable



RG6/U quad-shield 75 ohm coaxial cable for Digital TV, CATV, SATV and CCTV/Security Camera applications. Low-loss for use on long runs. Aluminium braids and foil shields. Gas-injected (foamed) PE dielectric. Copper clad steel conductor for tensile strength and reliable connection to F-connectors. Black jacket with count-down metre-marking. Available on 100 metre, 305 metre or 500 metre reels or 305 metre reel-in-a-box.

CAT #	LENGTH	PACKING
Y8041-002	100 Metre	Reel
Y8043-002	305 Metre	Reel
Y8043-003	305 Metre	Reel-in-a-box
Y8045-002	500 Metre	Reel

RG59/U Copper Clad Steel Coaxial Cable



RG59/U coaxial cable for CCTV/Security Camera and TV use. Braided copper shield has 95% coverage and dielectric is solid PE. Copper clad steel conductor for high tensile strength to military spec MIL-17/29. Black jacket with count-down metre-marking. Supplied on 100 metre, 250 metre or 500 metre strong polypropylene reels or 305 metre reel-in-a-box.

CAT #	LENGTH	PACKING
Y8059-002	100 Metre	Reel
Y8058-002	250 Metre	Reel
Y8052-003	305 Metre	Reel-in-a-box
Y8054-002	500 Metre	Reel

RG59/U Copper Clad Steel Composite Coaxial Cable



Composite cable containing an RG59/U coaxial cable plus two 24/0.20mm² conductors (one red, one black) for power feed. Suitable for CCTV/Security Camera use where a power feed is required for the camera and/or pan/tilt mechanism. Copper clad steel core to military spec MIL-17/29. Outer jacket is flexible black PVC.

CAT #	LENGTH
Y8061	100 Metre
Y8060	250 Metre

4 Conductor Security Cable



Multicore 4 conductor cable for security applications with either 7/0.20mm² or 14/0.20mm² stranding. Supplied on 100 and 305 metre strong polypropylene reels or 305 metre pull-boxes, all with count-down metre-marking. Other reel sizes or jacket colors can be custom made. ACA compliant.

CAT #	CONDUCTORS	COLOR	LENGTH	PACK
Y4141GRY	4 x 7/0.20mm ²	Grey	100 Metre	Reel
Y4141WHI	4 x 7/0.20mm ²	White	100 Metre	Reel
Y4143GRY	4 x 7/0.20mm ²	Grey	305 Metre	Reel
Y4143WHI	4 x 7/0.20mm ²	White	305 Metre	Reel
Y4144WHI	4 x 7/0.20mm ²	White	305 Metre	Pull-box
Y4241GRY	4 x 14/0.20mm ²	Grey	100 Metre	Reel
Y4241WHI	4 x 14/0.20mm ²	White	100 Metre	Reel
Y4243GRY	4 x 14/0.20mm ²	Grey	305 Metre	Reel
Y4243WHI	4 x 14/0.20mm ²	White	305 Metre	Reel
Y4244GRY	4 x 14/0.20mm ²	Grey	305 Metre	Pull-box
Y4244WHI	4 x 14/0.20mm ²	White	305 Metre	Pull-box

6 Conductor Security Cable



Multicore 6 conductor cable for security applications with either 7/0.20mm² or 14/0.20mm² stranding. Supplied on 100 and 305 metre strong polypropylene reels or 305 metre pull-boxes, all with count-down metre-marking. Other reel sizes or jacket colors can be custom made. ACA compliant.

CAT #	CONDUCTORS	COLOR	LENGTH	PACK
Y4161GRY	6 x 7/0.20mm ²	Grey	100 Metre	Reel
Y4161WHI	6 x 7/0.20mm ²	White	100 Metre	Reel
Y4163GRY	6 x 7/0.20mm ²	Grey	305 Metre	Reel
Y4163WHI	6 x 7/0.20mm ²	White	305 Metre	Reel
Y4164WHI	6 x 7/0.20mm ²	White	305 Metre	Pull-box
Y4261WHI	6 x 14/0.20mm ²	White	100 Metre	Reel
Y4263WHI	6 x 14/0.20mm ²	White	305 Metre	Reel
Y4264WHI	6 x 14/0.20mm ²	White	305 Metre	Pull-box

8 Conductor Security Cable



Multicore 8 conductor cable for security applications with either 7/0.20mm² or 14/0.20mm² stranding. Supplied on 100 metre strong polypropylene reels with count-down metre-marking. Other reel sizes or jacket colors can be custom made. ACA compliant.

CAT #	CONDUCTORS	COLOR	LENGTH	PACK
Y4181WHI	8 x 7/0.20mm ²	White	100 Metre	Reel
Y4281WHI	8 x 14/0.20mm ²	White	100 Metre	Reel

BNC Compression Connector



High performance BNC compression connector for trouble free professional water-proof coaxial connections. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cable types. Color coded band for easy identification of different types. The 1-piece design suits either solid copper or copper clad steel cable types. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0724RED	RG59/U
P0724YEL	RG6/U Dual-shield
P0724BLU	RG6/U Quad-shield

F-Type Compression Connector



High performance F-type compression connector for trouble free professional water-proof coaxial connections. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cable types. Color coded bands for easy identification of different types. For best performance use only copper-clad steel cable types. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0722RED	RG59/U
P0722YEL	RG6/U Dual-shield
P0722BLU	RG6/U Quad-shield

RCA Compression Connector



High performance gold plated RCA compression connector for trouble free professional water-proof coaxial connections. Ideal for component video or composite video cables, stereo audio or sub-woofer connections and security cameras. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cable types. Color coded bands for easy identification of different types. The 1-piece design suits either solid copper or copper-clad steel cable types. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0726RED	RG59/U
P0726YEL	RG6/U Dual-shield
P0726BLU	RG6/U Quad-shield

Female Compression Connectors



High performance female compression connectors for trouble free professional water-proof coaxial connections. Available in F-Type, BNC & PAL versions to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cable types. Color coded bands for easy identification of different cable types. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	TYPE	SUITS
P0723BLU	F-Type	RG6/U Quad-shield
P0725RED	BNC	RG59/U
P0729BLU	PAL	RG6/U Quad-shield

PAL Premium Compression Connector



High performance PAL (Belling Lee) compression connector with gold plated centre pin for trouble free professional water-proof coaxial connections. Ideal for TV, VCR and set top box hook-ups. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cable types. Color coded bands for easy identification of different types. Suitable for either solid copper or copper-clad steel coax types. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0728RED	RG59/U
P0728YEL	RG6/U Dual-shield
P0728BLU	RG6/U Quad-shield

RCA Premium Compression Connector



High performance gold plated RCA compression connector for trouble free professional water-proof coaxial connections. Ideal for component video or composite video cables, stereo audio or sub-woofer connections and security cameras. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cable types. Each connector is supplied with 6 changeable color coded bands (Red, Green, Blue, Yellow, White and Black) to allow easy identification of cable functions. Suitable for either solid copper or copper-clad steel coax types. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040. Nylon dielectric is color coded Red for RG59/U, Yellow for RG6/U dual-shield or Blue for RG6/U quad-shield cable.

CAT #	SUITS
P0727RED	RG59/U
P0727YEL	RG6/U Dual-shield
P0727BLU	RG6/U Quad-shield

BNC Female Crimp Plug



Female BNC crimp plug suitable for RG59/U coaxial cable. Suitable for either solid copper or copper-clad steel cable types. Crimp with our professional ratchet crimp tool T0038 or T0039, using the 0.068" hexagonal die for the pin and the 0.255" or 0.262" hexagonal die for the sleeve.

CAT #	SUITS
P0705-059	RG59/U

BNC 2-Piece Crimp Plug



BNC crimp plug suitable for RG6/U or RG59/U coaxial cables. The 2-piece design has an integrated gold plated pin for trouble free connection to either solid copper or copper-clad steel cable types. The P0701 crimp plug can be attached to RG6/U or RG59/U copper core or copper clad steel coaxial cables with our professional ratchet crimp tool T0039 using the .324" die.

CAT #	SUITS
P0701-006	RG6/U dual-shield
P0701-059	RG59/U

Pay TV F-Connector



Coaxial threaded F-connector as used for Digital TV and by Austar, Foxtel and Optus for Cable-TV or Sat-TV connections. Fits all standard keystone flush plates, surface boxes and patch panels.

CAT #
P4522

BNC Coupler



BNC coupler enables two coaxial cables fitted with male BNC plugs to be coupled together. Knurled centre section provides grip whilst connecting or disconnecting BNC plugs. Can also be used as a gender changer.

CAT #
P0704

BNC Double Adaptor



One piece double adaptor fitted with one male BNC plug and two female BNC sockets. 180° "Y" configuration.

CAT #
P0708

BNC Male to F-type Female Adaptor



Adapts a male BNC plug to a female F-connector. Applications include connection of F-connectors to CCTV/Security Cameras that are fitted with BNC sockets.

CAT #
P0707

RCA / BNC Adaptor



One piece adaptor with male RCA plug and female BNC socket. Knurled centre section provides grip whilst connecting or disconnecting the BNC plug.

CAT #
P0706

F-Type Crimp Plug for RG6/U



F-type crimp plug for RG6/U quad-shield coaxial cable. Suitable for Digital-TV, CCTV/Security Camera, CATV, SATV and other low-loss applications. Attach using our coaxial cable stripper and professional ratchet crimp tool T0038 using the 0.324" hexagonal die.

CAT #
P0712

BNC 3-piece Crimp Plug



BNC crimp plug suitable for RG59/U or RG6/U coaxial cables. The 3-piece design has a separate crimp-pin for trouble free connection to either solid copper or copper-clad steel cable types. Attach using our coaxial cable stripper and professional ratchet crimp tool T0038 or T0039 using the 0.068" hexagonal die for the pin and the 0.255" or 0.262" hexagonal die for the sleeve.

CAT #	SUITS
P0702	RG59/U Copper Core
P0703	RG6/U Dual-shield

Gel Connectors



Gel filled, IDC, insulated, butt connector for 2 or 3 solid copper conductors of 19 to 26 AWG having maximum insulation OD of 2.08mm. Simple crimp-connection using our gel-connector crimp tool for fast, easy and reliable installation. Contains moisture resistant sealant, rated to IP67 (dust resistant and immersible up to 1 metre).

CAT #	WIRES	CAP COLOR	TYPE
P8632	2	Yellow	UY2
P8633	3	Red	UR2
T0037	Crimp tool to suit		

H1130 Quick Connect Crimps



H1130 insulation piercing quick connect crimps, used for connection of insulated line cord conductors to telephone plug types 603, 604, 605, 606 and 615. Single form, packed in poly bags of 10 or 150. Also available in continuous form 20K reels.

CAT #	QUANTITY
P1130	10 Pack
P1135	150 Pack
P1120	20K Reel

Y-Terminals



Insulation displacement Y-terminals for use when connecting telephone line cords to screw terminals. Folded tips hold the terminal captive while the screw is tightened. Available in packs of 10, 150 or bulk.

CAT #	QUANTITY
P1100	10 Pack
P1110	150 Pack
P1111	Bulk

ADSL In-line Filter



An ADSL filter is required on an ADSL line between each analog device (telephone, fax machine, fax/modem, modem, cordless telephone, alarm dialer etc) and the associated wall outlet. If a filter is not installed, your voice-calls will experience interference whenever ADSL data is being transmitted. Our K2310ASH ADSL Line Filter is ADSL2 and ADSL2+ compatible.

CAT #
K2310ASH

DB Cords



High quality DB computer cords with injection-molded plugs and thumb screws. We specialise in custom made cords to suit your specifications with any combination of male or female DB9, DB15 or DB25 connectors using any color, length or wiring configuration.

CAT #	PLUGS	TYPE	COLOR	LENGTH
W5404-018	DB9M to DB9F	Serial	Ash	1.8 Metre
W6692JOI	DB9F to DB9F	Null Modem	Mid Grey	2 Metre
W6693BLK	DB9F to DB9F	Null Modem	Black	3 Metre
W7130	DB15M to DB15F		Black	3 Metre
W5116	DB25M to DB25F	Serial	Black	1.8 Metre
W6580	DB25M to DB25M		Black	3 Metre
W8505	DB9F to RJ45		Dark Grey	1 Metre

USB Cord



Shielded Universal Serial Bus (USB) cord compatible with USB 2.0. Fitted with USB-A plug to USB-B plug. Two x 28AWG (signal) and 2 x 24AWG (power) conductors.

CAT #	COLOR	LENGTH
W2723ASH	Ash	1.0 Metre
W2725BLK	Black	1.5 Metre
W2728ASH	Ash	1.8 Metre
W2728BLK	Black	1.8 Metre
W2730ASH	Ash	2.0 Metre
W2730BLK	Black	2.0 Metre
W2733ASH	Ash	3.0 Metre
W2733BLK	Black	3.0 Metre
W2735ASH	Ash	5.0 Metre
W2735BLK	Black	5.0 Metre

ADSL Filter/Splitter



An ADSL filter/splitter provides an RJ11 socket for connection to the telephone line and a filtered RJ11 socket for connection of a fax machine, fax/modem, answering machine, cordless phone or alarm dialler etc. A third RJ11 socket is provided for connection to the ADSL Modem/Router. Additional ADSL in-line filters are recommended between each subsequent telephone device and their telephone wall outlet. If ADSL filters are not fitted, your voice calls will receive interference when ADSL data is being transmitted. Our K2320ASH ADSL Filter/Splitter is ADSL2 and ADSL2+ compatible.

CAT #
K2320ASH

Modular/DB Adaptor



Adapts male or female DB9, DB15 or DB25 computer plugs to 8 position RJ45 or 6 position RJ11 modular socket. Back shell is pre-wired to modular socket ready to insert pins into desired positions of the DB connector.

CAT #	DB SIZE	DB GENDER	TYPE	COLOR
P0809	DB9	Female	8P8C	Grey
P0809BLK	DB9	Female	8P8C	Black
P0810	DB9	Male	8P8C	Grey
P0815	DB15	Female	8P8C	Grey
P0816	DB15	Male	8P8C	Grey
P0825	DB25	Female	8P8C	Grey
P0826	DB25	Male	8P8C	Grey
P0805	DB9	Female	6P6C	Grey
P0806	DB9	Male	6P6C	Grey
P0820	DB25	Female	6P6C	Grey
P0821	DB25	Male	6P6C	Grey

Central ADSL Filter/Splitter



new

ADSL (Asymmetric Digital Subscriber Line) is a service that uses an existing telephone line to provide a broadband service over the same pair of wires, allowing both the PSTN telephone service and a high-speed internet connection to be used simultaneously. An ADSL filter/splitter provides an RJ11 socket for connection to the telephone line and a filtered RJ11 socket for connection of a fax machine, fax/modem, answering machine, cordless phone or alarm dialler etc. A third RJ11 socket is provided for connection to the ADSL Modem/Router. This filter/splitter has alternative internal IDC connections for permanent installation as a central filter for up to 4 telephone devices. Additional ADSL in-line filters are recommended between each subsequent telephone device and their telephone wall outlet. If ADSL filters are not fitted, your voice calls may receive interference when ADSL data is being transmitted. Our K2322ASH Central ADSL Filter/Splitter is ADSL2 and ADSL2+ compatible.

CAT #
K2322ASH

HD26 Cords



High quality HD26 computer cords with injection-molded plugs and thumb screws. We specialise in custom made cords to suit your specifications with any combination of male or female HD, DB or other connectors using any color, length or wiring configuration.

CAT #	TYPE	COLOR	LENGTH
W6585	HD26M to HD26M	Black	1.8 Metre
W6586	HD26M to 26-pin AMP	Black	1.8Metre

DB9 Ribbon Cords



Flat ribbon cable fitted with right angle IDC DB connectors. We specialise in custom made cords to suit your specifications with any combination of male or female DB9, DB15 or DB25 connectors made to any length.

CAT #	TYPE	COLOR	LENGTH
H2137	DB9M to DB9F	Grey	800mm

Cat-5E Patch Cords



UTP stranded conductor Cat-5E patch cords with 4 twisted pairs using T568A color code. Injection-molded plug boots provide excellent strain relief. Standard blue jacket color is available in all lengths with full color choice available in lengths up to 5 metres. When ordering, use color suffix on Cat # from table below to indicate color required. Packaged in Powermaster® heat-sealed hang-sell bags.

CAT #	LENGTH	COLOR SUFFIX CODES
W2640	0.25 Metre	Added as a suffix to the Primary Cat # to give an 8-character Cat # (e.g. W2665BLU)
W2650	0.5 Metre	
W2651	1 Metre	
W2648	1.5 Metre	ASH = Ash
W2652	2 Metre	BLK = Black
W2644	2.5 Metre	BLU = Blue
W2653	3 Metre	GRN = Green
W2654	4 Metre	GRY = Grey
W2655	5 Metre	ORA = Orange
W2660	10 Metre	PNK = Pink
W2665	15 Metre	PUR = Purple
W2670	20 Metre	RED = Red
W2675	30 Metre	WHI = White
W2677	50 Metre	YEL = Yellow

Cat-5E Cross-over Cords



Wiring is cross-over T568A to T568B which is used to daisy-chain switches/hubs or for direct connection of 2 computer network interface cards. Red cord jacket with Blue injection-molded boots minimises chance of confusion with straight-thru cords.

CAT #	LENGTH
W2681RED	1 Metre
W2682RED	2 Metre
W2683RED	3 Metre
W2685RED	5 Metre
W2690RED	10 Metre
W2691RED	15 Metre
W2692RED	20 Metre
W2696RED	30 Metre

Cat-6 Patch Cords



Each cord has eight multi-strand conductors in 4 twisted-pair T568A color-coded configuration. Fitted with 50u" Cat-6 compliant 2-row (staggered pins) modular plugs and injection-molded strain-relief boots. When ordering, use color suffix on Cat # from table below to indicate color required. Packaged in Datamaster® heat-sealed hang-sell bags.

CAT #	LENGTH	COLOR SUFFIX CODES
W2740	0.25 Metre	Added as a suffix to the Primary Cat # to give an 8-character Cat # (e.g. W2750BLU)
W2750	0.5 Metre	
W2751	1 Metre	
W2748	1.5 Metre	ASH = Ash
W2752	2 Metre	BLU = Blue
W2744	2.5 Metre	GRN = Green
W2753	3 Metre	ORA = Orange
W2754	4 Metre	PUR = Purple
W2755	5 Metre	RED = Red
W2760	10 Metre	WHI = White
W2765	15 Metre	YEL = Yellow
W2770	20 Metre	
W2775	30 Metre	

Cage Nut Sets



Fully assembled set, complete with black screw, black plastic washer and clip-in cage nut. Suitable for bolting patch panels and other rack mounted equipment to standard 19-inch rack units or cabinets.

CAT #
P4230

RJ45 Modular Plug Boots



PVC boots for 8 position RJ45 modular plugs to suit 6mm diameter Cat-5E or Cat-6 cord. Ideal for providing extra strain relief and easy color coding of patch cords.

CAT #	COLOR
P7850ASH	Ash
P7850BLK	Black
P7850BLU	Blue
P7850GRN	Green
P7850GRY	Grey
P7850ORA	Orange
P7850PNK	Pink
P7850PUR	Purple
P7850RED	Red
P7850WHI	White
P7850YEL	Yellow

Wall Bracket



Wall mount bracket for installation of patch panels or other 19-inch rack mounted equipment. Hinged for easy access to wiring. Panel bolts included. All units are 150mm deep. 2RU and 4RU versions available.

CAT #	RU
P4212	2
P4214	4
P4210	Lid

Wall Bracket Lid



Lid to suit our 2RU and 4RU 19" patch-panel wall-brackets. Ideal shelf for switch, router or modem and provides protection for rear wiring. Finished in black semi-gloss enamel paint. 150mm deep x 1.5mm thick.

CAT #
P4210

Cable Management Unit



Horizontal 1RU cable management panel. Suits all standard 19" racks. Black color.

CAT #	RU
P4221	1

Patch Panels



The transmission characteristics of our patch panels meet the requirements of Cat-5E and Cat-6 specifications. These panels utilise PCB technology to balance signal transmission and provide low insertion loss, return loss and crosstalk. The IDC terminal block can be used with both Krone and 110 impact tools and has combined T568A & T568B color coding for easy installation. Design incorporates nylon loops for cable management.

CAT #	PORTS	RU	CATEGORY
P4013	12	1	Cat-5E
P4025	24	1	Cat-5E
P4049	48	2	Cat-5E
P4014	12	1	Cat-6
P4026	24	1	Cat-6
P4050	48	2	Cat-6

Keystone Flush Plates



Flush type plates to accept our standard keystone jacks, couplers and F-connectors. Fits standard Australian electrical switch plate installation hardware and screw centres, making it perfect for easy flush installation on gyprock or fibro cavity walls. Supplied unloaded without keystone jacks. Dimensions 70(W) x 114(H) x 6(D)mm.

CAT #	PORTS	COLOR
P4301	1	White
P4302	2	White
P4303	3	White
P4304	4	White
P4306	6	White

Cat-5E Keystone Jack



Suitable for use with keystone wall plates, surface boxes and patch panels. Can also be fitted to Australian HPM and Clipsal plates by using an adaptor. Terminated with 110 or Krone impact tool. Combined T568A & T568B color coding for easy installation. Design incorporates loop for cable management. An impact safety chassis is available for safe and speedy termination. Available in individual Datamaster® zip-top bags or buckets of 25 pieces which include a bonus safety chassis.

CAT #	COLOR
P4511	White

Cat-6 Keystone Jack



Suitable for use with keystone wall plates, surface boxes and patch panels. Can also be fitted to Australian HPM and Clipsal plates by using an adaptor. Terminated with 110 or Krone impact tool. Combined T568A & T568B color coding for easy installation. Design incorporates loop for cable management. Available in individual Datamaster® zip-top bags or buckets of 25 pieces which include a bonus safety chassis.

CAT #	COLOR
P4518	White

Australian Flush Plates



new

Our premium Australian flush type plates to accept our premium Voice-Grade, Cat-5E or Cat-6 IDC jacks. Also compatible with other standard Australian mechanisms and jacks including F-connectors etc. The 2-piece design has a separate back plate and cover, allowing cover to be removed for painting etc. Fits standard Australian electrical switch plate installation hardware and screw centres, making it perfect for easy flush installation on gyprock or fibro cavity walls. Supplied unloaded without jacks, packed in individual Datamaster® zip-top bags inside carton of 10. Standard color is white, other colors available on request subject to minimum order quantity. Dimensions 116(W) x 75(H) x 13(D)mm.

CAT #	PORTS	COLOR
P4601WHI	1	White
P4602WHI	2	White
P4603WHI	3	White
P4604WHI	4	White
P4606WHI	6	White

Cat-5E IDC Jack



new

Our premium RJ45 Cat-5E IDC data jack. Compatible with our P4600 series flush plates and most standard Australian flush plates. Rear termination with 110 or Krone IDC impact tool. Combined T568A & T568B color coding for easy installation. Available in individual Datamaster® zip-top bags or buckets of 50 pieces which include a bonus impact safety chassis for safe and speedy termination.

CAT #	COLOR	PACKING
P4665BLK	Black	50-bucket
P4665BLU	Blue	50-bucket
P4665GRN	Green	50-bucket
P4665-050	White	50-bucket
P4665YEL	Yellow	50-bucket

Cat-6 IDC Jack



new

Our premium RJ45 Cat-6 IDC data jack. Compatible with our P4600 series flush plates and most standard Australian flush plates. Rear termination with 110 or Krone IDC impact tool. Combined T568A & T568B color coding for easy installation. Available in individual Datamaster® zip-top bags or buckets of 50 pieces which include a bonus impact safety chassis for safe and speedy termination.

CAT #	COLOR	PACKING
P4666BLK	Black	50-bucket
P4666BLU	Blue	50-bucket
P4666GRN	Green	50-bucket
P4666-050	White	50-bucket
P4666YEL	Yellow	50-bucket

Mode-3 Security IDC Jack



new

RJ45 8P4C IDC jack with 2 IDC connections per contact allowing easy line-in and line-out for typical alarm dialler applications. Compatible with our P4600 series flush plates and most standard Australian flush plates. Rear termination with 110 or Krone IDC impact tool. Available in individual Datamaster® zip-top bags or in reusable buckets of 50 pieces which include a bonus impact safety chassis for safe and speedy termination.

CAT #	COLOR	PACKING
P4663BLU	Blue	50 Bucket

6P4C Telephone IDC Jack



new

Our 6P4C IDC jack for telephone applications. 2 IDC connections per contact allowing easy loop-in, loop-out for typical voice applications. Compatible with our P4600 series flush plates and most standard Australian flush plates. Rear termination with 110 or Krone IDC impact tool. Available in individual Datamaster® zip-top bags or in reusable buckets of 50 pieces which include a bonus impact safety chassis for safe and speedy termination.

CAT #	COLOR	PACKING
P4662WHI	White	50 Bucket

8P4C Voice Grade IDC Jack



new

Our voice grade RJ45 8P4C IDC jack with 2 IDC connections per contact allowing easy loop-in, loop-out for typical voice applications. Compatible with our P4600 series flush plates and most standard Australian flush plates. Rear termination with 110 or Krone IDC impact tool. Available in individual Datamaster® zip-top bags or buckets of 50 pieces which include a bonus impact safety chassis for safe and speedy termination.

CAT #	COLOR	PACKING
P4664BLK	Black	50-bucket
P4664BLU	Blue	50-bucket
P4664GRN	Green	50-bucket
P4664-050	White	50-bucket
P4664YEL	Yellow	50-bucket

Plaster C-Bracket



new

Galvanised metal bracket for fitting standard Australian flush switch plates into plaster board. Wall lugs are factory set to suit 12mm thick plaster board but can be adjusted to suit 6mm thick fibro. Dimensions and hole centres suit our P1400 series telephone & data flush plates, our F-connector flush plates, our P4300 series keystone flush plates and most other standard Australian switch plates.

CAT #
P4631

Cat-5E Splitter



Cat-5E splitters enable 2 different devices to share the same cable and outlet. They are usually used in pairs, one at the outlet and one at the patch panel. Narrow design is ideal for high-density patch panels because the two sockets are mounted vertically to avoid blocking neighbouring sockets. Several standard wiring variants are available. Color is white.

CAT #	WIRING #	TYPE
P2332	2	Voice + Voice
P2334	4	Data + Data
P2335	5	Voice + Voice
P2336	6	Data + Voice
P2337	7	Parallel

Cat-5 Splitter



Cat-5 splitters enable two different devices to share the same cable. They are usually used in pairs, one at the outlet and one at the patch panel. The 100mm cord allows use in high-density panels. Several wiring configurations are available to split the four pairs to suit different applications. Packed in a zip-lock bag. Color is Ash.

CAT #	WIRING #	TYPE
P2312	2	Voice + Voice
P2313	3	Voice + Voice
P2314	4	Voice + Data
P2315	5	Data + Data
P2317	7	Parallel

Surface Mounting Block 15mm



new

15mm deep block for surface mounting standard Australian flush switch plates. Suits our P1400 series telephone & data flush plates, our F-connector flush plates, and our P4300 series keystone flush plates and most other standard Australian switch plates. Supplied with screws for fitting flush plate. Dimensions 118(W) x 75(H) x 15(D)mm.

CAT #	DEPTH	COLOR
P4621WHI	15mm	White

Cat-5E Coupler



Cat-5E coupler can be used to link 2 patch cords together or as a gender changer. The 1-1 wiring configuration is compatible with both T568A and T568B wiring schemes. Color is white.

CAT #
P2325

Cat-5E Right-angle Keystone Coupler



Right-angle Cat-5E coupler for use with keystone patch panels or keystone wall plates. Allows ready-made Cat-5E patch cords to be used in fixed installations eliminating the use of solid cable, IDC terminations and tools. Can also be fitted to Australian HPM or Clipsal wall-plates by using an adaptor. The 1-1 wiring configuration is compatible with both T568A and T568B wiring schemes. Color is white.

CAT #
P2324

Flush Plate Adaptors



Adaptor bezels to fit keystone jacks into Australian Clipsal or HPM brand flush plates.

CAT #	SUITS PLATES	COLOR
P4590	Clipsal	White
P4590BLK	Clipsal	Black
P4592	HPM	White

Surface Mounting Block 35mm



new

35mm deep block for surface mounting standard Australian flush switch plates. Suits our P1400 series telephone & data flush plates, our F-connector flush plates, our P4300 series keystone flush plates and most other standard Australian switch plates. Breakouts on all sides allow for cable or conduit entry. Supplied with screws for fitting flush plate. Dimensions 123(W) x 80(H) x 35(D)mm.

CAT #	DEPTH	COLOR
P4622WHI	35mm	White

Keystone Surface Boxes



Side entry surface mount boxes to accept our standard keystone 110 jacks or F-Connectors. Snap-on cover for easy installation and access to wiring. Single and duplex versions available. Double sided tape included for easy installation. The standard color is white. Supplied unloaded without keystone jacks.

CAT #	PORTS	COLOR	DIMENSIONS
P4311	Single	White	30(W) x 60(H) x 26(D)mm
P4312	Double	White	55(W) x 60(H) x 26(D)mm

Reusable Bucket



new

Our recyclable, reusable, stackable, PP (polypropylene) buckets provide ideal storage for small-sized products such as our Datamaster® keystone Cat-5E and Cat-6 jacks and the new "Australian series" of Datamaster® Voice Grade, Cat-5E and Cat-6 jacks. Individual products are kept clean and undamaged whilst in storage or transit. The empty buckets provide useful storage for small items or they can be recycled. A bonus impact safety chassis for safe and speedy termination is included in each bucket. Measuring aids (in both inches and millimeter formats) are embossed on the lid.

Side Entry Skirting Mount



Half sized surface mount voice grade modular socket designed to be fixed to skirting boards or architraves. Snap-on cover provides access to screw terminals for connection of wires. Double sided tape included for easy installation. Dimensions 31(W) x 50(H) x 20(D)mm.

CAT #	TYPE	COLOR	PACKING
P1450WHI	6P4C	White	Bulk
P1450ACB	6P4C	Ash	Blister
P1455WHI	6P6C	White	Bulk

Side Entry Surface Mount



Side entry surface mount voice grade modular socket. Snap-on cover provides access to screw terminals for connection of wires. Double sided tape included for easy installation. Dimensions 50(W) x 57(H) x 20(D)mm.

CAT #	TYPE	COLOR
P1420WHI	6P4C	White
P1430WHI	6P6C	White
P1440WHI	8P8C	White
P1441	10P10C	Ash

Surface Mount



Compact surface mount voice grade modular socket. Recessed screws allow fast and easy fixing to almost any surface. Wires are connected by screw terminals. Beige color suits most environments. Dimensions 44(W) x 44(H) x 25(D)mm.

CAT #	TYPE
P1410	6P4C
P1411	6P6C

Duplex Side Entry Surface Mount



Duplex side entry surface mount voice grade modular socket. Snap-on cover provides access to screw terminals for connection of wires. Double sided tape included for easy installation. Independently-wired and parallel-wired versions are available. Dimensions 42(W) x 58(H) x 24(D)mm.

CAT #	TYPE	WIRING
P1422	6P4C	Dual
P1422PAR	6P4C	Parallel

Flush Wall Plate



Beige colored voice grade modular wall plate fits standard Australian electrical switch plate installation hardware, making it perfect for easy flush installation on gyprock or fibro cavity walls. Dimensions 70(W) x 114(H) x 5(D)mm.

CAT #	TYPE
P1408	6P4C
P1409	6P6C
P1406	8P8C

Duplex Flush Wall Plate



Duplex modular voice grade socket fits standard Australian electrical switch plate installation hardware, making it perfect for easy flush installation on gyprock or fibro cavity walls. Dimensions 70(W) x 114(H) x 5(D)mm.

CAT #	TYPE
P1407	6P4C

F-Connector Flush Wall Plate



Flush mounted wall plate with F-connector. Fits standard Australian electrical switch plate installation hardware, making it perfect for easy flush installation on gyprock or fibro cavity walls. Dimensions 70(W) x 114(H) x 5(D)mm.

CAT #	COLOR
P1461WHI	White

F-Connector/Telephone Flush Wall Plate



Flush mounted wall plate with F-connector and modular socket. Fits standard Australian electrical switch plate installation hardware, making it perfect for easy flush installation on gyprock or fibro cavity walls. Dimensions 70(W) x 114(H) x 5(D)mm.

CAT #	TYPE	COLOR
P1459WHI	6P4C	White
P1460WHI	6P6C	White

Wall Phone Bracket



Wall phone bracket for easy installation of telephones that have standard modular wall mountings. The line is connected from bracket to phone by a 160mm long modular cord. Bracket has two studs onto which the phone slides. Fits standard Australian electrical switch plate installation hardware. Off-white color to match Telstra T200/400 telephones. Dimensions 76(W) x 119(H) x 9(D)mm. Austel permit # C89/83i/0295.

CAT #	TYPE	COLOR	PACKING
P1415	6P4C	White	Bulk
P1415ACB	6P4C	White	Blister
P1416WHI	8P4C	White	Bulk

Wall Phone Bracket with Side Entry Sockets



Wall phone bracket for easy installation of telephones that have standard modular wall mountings. An additional socket is provided on each side which allows connection of two extra devices when a phone is fitted to the bracket. The line is connected from the bracket to the phone by a 160mm long modular cord. Bracket has two studs onto which the phone slides. Fits standard Australian electrical switch plate installation hardware. Off-white color to match Telstra T200/400 telephones. Dimensions 76(W) x 119(H) x 9(D)mm. Austel permit # C89/83i/0295.

CAT #	TYPE
P1418	6P4C

T200/T400 Wall Mount Kit



A kit to allow a standard Telstra T200 or T400 series telephone to be wall mounted. The kit simply screws to the back of the Telstra phone to provide correct angle for wall mounting. Supplied with a handset clip to hold the handset in a vertical position. Once this kit is added, the phone will now mount onto a standard modular wall bracket (P1415 or P1418).

CAT #
P8640

Modular Double Adaptor



Two devices with modular plugs can be connected to one modular socket using these modular double adaptors. Standard wiring configuration is straight-thru. Special wiring configurations are also available.

CAT #	TYPE	WIRING CONFIGURATION	PACKING
P2200	6P4C	straight-thru (1-1)	Bulk
P2200ACB	6P4C	straight-thru (1-1)	Blister
P2201	6P6C	straight-thru (1-1)	Bulk
P2202	8P8C	straight-thru (1-1)	Bulk
P2202ACB	8P8C	straight-thru (1-1)	Blister

Modular Coupler



Enables two cords fitted with modular plugs to be coupled together. Can also be used as a gender changer. Straight-thru or cross-over wiring versions are available.

CAT #	TYPE	WIRING CONFIGURATION	PACKING
P2210	6P4C	straight-thru (1-1)	Bulk
P2210ACB	6P4C	straight-thru (1-1)	Blister
P2209	6P6C	straight-thru (1-1)	Bulk
P2207	8P8C	straight-thru (1-1)	Bulk
P2207ACB	8P8C	straight-thru (1-1)	Blister
P2208	8P8C	cross-over (1-8)	Bulk
P2205	10P10C	straight-thru (1-1)	Bulk

Modular Reducers



Modular reducers are inserted into a modular socket to reduce the size to suit a smaller modular plug whilst at the same time ensuring correct pin alignment. 8 position to 6 position and 6 position to 4 position models are available.

CAT #	TYPE	COLOR	PACKING
P2220	6 position to 4 position	Ivory	Bulk
P2222ACB	8 position to 6 position	Ivory	5-pack Blister
P2222WHI	8 position to 6 position	White	Bulk
P2224	8 position to 6 position	Ivory	Bulk

Splitters



Splits one 8 position socket into two sockets. Ideal to split an existing 4-pair wall socket for use with 2 separate devices. They are usually used in pairs, one at the outlet and one at the patch panel. Different wiring configurations are available. Note: These splitters are not certified to Cat-5.

CAT #	SOCKET A	SOCKET B
P2321	8 Position Voice	8 Position Voice
P2322	8 Position Data	8 Position Data
P2323	8 position Voice	8 Position Data

Modular Triple Adaptor



Three devices with modular plugs can be connected to one modular socket using these modular triple adaptors. Standard wiring configuration is straight-thru. Special wiring configurations are also available.

CAT #	TYPE	WIRING CONFIGURATION
P2234	6P4C	straight-thru (1-1)
P2236	6P6C	straight-thru (1-1)

PCB Mount Sockets



For mounting on printed circuit boards. Standard modular sockets with footprint to suit most applications. We also specialise in the supply of all available types with any variant of footprint, profile, color, gold plating contact requirement or engineering specification.

CAT #	TYPE	PROFILE	COLOR
P1330	4P4C	Standard 616	Grey
P1333	4P4C	Top Entry	Black
P1335	6P4C	Standard 623	Grey
P1360	6P4C	Low Profile	Black
P1334	6P4C	Low Profile	Grey
P1336	6P4C	Top Entry	Black
P1337	6P4C	Dual Gang	Black
P1340	6P6C	Standard 623	Grey
P1341	6P6C	Standard 623	Black
P1342	6P6C	Low Profile	Black
P1348	6P6C	Top Entry	Black
P1338	6P6C	Dual gang	Black
P1349	6P6C	MMJ	Black
P1350BLK	8P8C	Standard 647	Black
P1350GRY	8P8C	Standard 647	Grey

Handset/Headset Trainer Adaptor



4P4C modular double adaptor fitted with a short cord. Used for connecting a headset and handset into the same telephone for training applications. Double-sided tape included for attaching the adaptor to the telephone or desk. Custom models also available.

CAT #	TYPE	WIRING	COLOR
P2344	4P4C	Parallel	Black
P2345	4P4C	Parallel	Ivory
P2363	6P2C	Mode-3	Ivory

Modular 3-Way Coupler



Three cords with modular plugs can be connected together using these modular 3-way couplers.

CAT #	TYPE	WIRING CONFIGURATION
P2212	4P4C	straight-thru (1-1)
P2214	6P4C	straight-thru (1-1)
P2215	6P6C	straight-thru (1-1)
P2218	8P8C	straight-thru (1-1)

Case Mount Sockets



Case or panel mountable modular sockets fitted with 175mm conductors (170mm + 5mm tinned tips). Custom versions with any crimp type or conductor lengths can be made to specification.

CAT #	TYPE	SERIES	COLOR	SUITS
P1220	4P4C	616B	Grey	Nitsuko/AN/BN Base
P1221	4P4C	616B	Grey	
P1225	4P4C	616M	Grey	
P1227	4P4C	616J	Clear	Comset
P1230	4P4C	616W	Grey	BN
P1229	4P4C	616P	Grey	
P1235	6P4C	623K	Grey	
P1240	6P6C	623K	Grey	
P1250	8P8C	647	Black	

4 Position Modular Plug



Generally used for termination of coiled handset cords. Plugs with 50u", 30u" or 15u" gold plated contacts are available. Packed in bags of 5, 20, 50, 100 or bulk. Plugs for stranded or solid conductors with round or flat cord entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2001	4P4C	Flat	Stranded	5-pack
P2003	4P4C	Flat	Stranded	20-pack
P2004	4P4C	Flat	Stranded	50-pack
P2005	4P4C	Flat	Stranded	100-pack
P2124	4P4C	Flat	Stranded	Bulk
P2010	4P4C	Round	Stranded	100-pack
P2123	4P4C	Round	Stranded	Bulk
P2122-100	4P4C	Round	Solid	100-pack
P2122	4P4C	Round	Solid	Bulk
P2122-002	4P4C	Round	Solid (2-prong)	Bulk

6 Position Modular Plug



Generally used for termination of line cords. Plugs with 50u", 30u", 15u" or 6u" gold plated contacts are available. Packed in bags of 5, 20, 50, 100 or bulk. Plugs for stranded or solid conductors with round or flat cord entry are stocked.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2130-100	6P2C	Flat	Stranded	100-pack
P2011	6P4C	Flat	Stranded	5-pack
P2013	6P4C	Flat	Stranded	20-pack
P2014	6P4C	Flat	Stranded	50-pack
P2015	6P4C	Flat	Stranded	100-pack
P2136	6P4C	Flat	Stranded	Bulk
P2138-100	6P4C	Round	Solid	100-pack
P2138	6P4C	Round	Solid	Bulk
P2137	6P4C	Round	Stranded	Bulk
P2032	6P6C	Flat	Stranded	5-pack
P2033	6P6C	Flat	Stranded	20-pack
P2034	6P6C	Flat	Stranded	50-pack
P2035	6P6C	Flat	Stranded	100-pack
P2140	6P6C	Flat	Stranded	Bulk
P2040	6P6C	Round	Stranded	100-pack
P2045	6P6C	Round	Solid	100-pack
P2143	6P6C	Round	Stranded	Bulk
P2144	6P6C	Round	Solid	Bulk

6 Position Long Body Modular Plug



Similar to the standard 6 position modular plug but has a long body as required to mate with deeply recessed modular sockets. Plugs with 50u", 30u" or 15u" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2148	6P6C	Flat	Stranded	Bulk

4 Position AMP Modular Plug



new

Genuine AMP Tyco SDL (Shielded Data Link) modular plug for special applications. 4 position 4 contact shielded modular plug with side latches and black PVC boot to suit 24-26AWG flat shielded cable. Plugs have 50u" gold plated contacts.

CAT #	ITEM	COLOR	AMP PART #
P2104-422	4P4C Plug	Transparent Grey	1-520423-1
P2104-851	PVC Boot	Black	0-521851-1

6 Position Modified Modular Plug (MMP)



6 position MMP (also known as MMJ or DEC-connect) type with offset latch as used for specific computer systems. Plugs with 50u" or 30u" gold plated contacts are stocked. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2141	6P6C	Flat	Stranded	Bulk

6 Position Modular Plug with Slots for 8P8C Sockets



new

6P modular plug with slots to accommodate pins 1 and 8 of an 8P8C socket. The slots allow greater compatibility with 8P8C sockets. Plugs with 50u", 30u", 15u" or 6u" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1,000. Plugs for stranded or solid conductors with round or flat cord entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2150	6P6C	Flat	Stranded	Bulk

Shielded Modular Plug



6 position and 8 position shielded modular plugs for connection to FTP, STP or flat shielded cable. Plugs with 50u", 30u" or 15u" gold plated contacts are available. Packed in bags of 10, 100 or bulk. Plugs for stranded or solid conductors with round or flat cord entry are stocked.

CAT #	TYPE	SHIELD	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2146	6P6C	Half	Either	Either	Bulk
P2165-010	8P8C	Full	Round	Stranded	10-pack
P2165-100	8P8C	Full	Round	Stranded	100-pack
P2165	8P8C	Full	Round	Stranded	Bulk
P2159	8P8C	Full	Round	Solid	Bulk
P2167	8P8C	Half	Round	Solid	Bulk
P2168	8P8C	Half	Round	Stranded	Bulk

8 Position Modular Plug



For data communications, telephones, cellular and computers. Plugs with 50u", 30u" or 15u" gold plated contacts are available. Packed in bags of 5, 20, 50, 100 or bulk. Plugs for stranded or solid conductors with round or flat cord entry are stocked.

CAT #	TYPE	PLUG TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2163	8P8C	Standard	Flat	Stranded	Bulk
P2051	8P8C	Standard	Flat	Stranded	5-pack
P2053	8P8C	Standard	Flat	Stranded	20-pack
P2054	8P8C	Standard	Flat	Stranded	50-pack
P2055	8P8C	Standard	Flat	Stranded	100-pack
P2160	8P8C	Standard	Flat	Solid	Bulk
P2162	8P8C	Standard	Round	Stranded	Bulk
P2060	8P8C	Standard	Round	Stranded	10-pack
P2061	8P8C	Standard	Round	Stranded	20-pack
P2062	8P8C	Standard	Round	Stranded	50-pack
P2063	8P8C	Standard	Round	Stranded	100-pack
P2164	8P8C	Standard	Round	Solid	Bulk
P2056	8P8C	Standard	Round	Solid	5-pack
P2057	8P8C	Standard	Round	Solid	20-pack
P2058	8P8C	Standard	Round	Solid	50-pack
P2059	8P8C	Standard	Round	Solid	100-pack
P2161	8P8C	2-Piece			Bulk

8 Position Keyed Modular Plug



Similar to the standard 8 position modular plug but has raised key on one side of the plug to prevent insertion into a non-keyed 8 position socket. Plugs with 50u", 30u" or 15u" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are stocked.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2166	8P8C	Flat	Stranded	Bulk

Cat-6 8-Position Modular Plug



These special plugs are designed for Category-6 cables. The 2-piece design includes a cable-guide to ensure conductors are split into 2-rows to maintain data integrity. 50u" gold plated contacts.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2176-100	8P8C	Round	Stranded	100-pack

10 Position Modular Plug



Generally used on cellular mobile transceivers and small multi-line telephone systems. Plugs with 50u" or 30u" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors are stocked.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2170-100	10P10C	Flat	Stranded	100-pack

RELATED PRODUCTS

Modular Tools
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Flat Line Cord
Page 2



2 Conductor Modular Line Cord



new

2 conductor line cord with 6P2C RJ11 modular plugs on each end. Standard wiring is cross-over to suit most voice applications. Various lengths and color combinations are available to special order.

CAT #	LENGTH	WIRING	COLOR	PACKING
W2465BDG	1.8 Metre	Cross-over	Dark Grey	Bulk
W2465SMG	1.8 Metre	Cross-over	Light Grey	Bulk
W2465BLK	2 Metre	Cross-over	Black	Bulk
W2465IVO	2 Metre	Cross-over	Ivory	Bulk

6 Conductor Modular Line Cord



6 conductor line cord with 6P6C RJ12 modular plugs on each end. Various lengths and color combinations are available to special order. Both straight-thru and cross-over wiring types are available.

CAT #	LENGTH	WIRING	COLOR	PACKING
W2472BRA	1 Metre	1-1	Black	Bulk
W2537	2 Metre	1-6	Ivory	Bulk
W2538	3 Metre	1-6	Ivory	Bulk
W2539	5 Metre	1-6	Ivory	Bulk
W2540	10 Metre	1-6	Ivory	Bulk
W2545	15 Metre	1-6	Ivory	Bulk

Modular Extension Cord Male/Female



Modular extension cord with 4 or 6 position modular plug and socket. 4 or 6 conductor versions and various lengths and wiring configurations available to special order.

CAT #	LENGTH	CONDUCTORS	WIRING
P2354	150mm	4	Cross-over
W2535	5 Metre	4	1-1

4 Conductor Modular Line Cord



4 conductor line cord with 6P4C RJ11 modular plugs on each end. Standard wiring is cross-over to suit most voice applications. Various lengths and color combinations are available to special order.

CAT #	LENGTH	WIRING	COLOR	PACKING
W2470	150mm	Cross-over	Ivory	Bulk
W2470ACB	150mm	Cross-over	Ivory	Blisters
W2471	1 Metre	Cross-over	Ivory	Bulk
W2471ACB	1 Metre	Cross-over	Ivory	Blisters
W2492ASH	2 Metre	Cross-over	Ash	Bulk
W2492BLK	2 Metre	Cross-over	Black	Bulk
W2492IVO	2 Metre	Cross-over	Ivory	Bulk
W2492ACB	2 Metre	Cross-over	Ivory	Blisters
W2492WHI	2 Metre	Cross-over	White	Bulk
W2496	3 Metre	Cross-over	Black	Bulk
W2495	3 Metre	Cross-over	Ivory	Bulk
W2495ACB	3 Metre	Cross-over	Ivory	Blisters
W2505	5 Metre	Cross-over	Ivory	Bulk
W2505ACB	5 Metre	Cross-over	Ivory	Blisters
W2532	10 Metre	Cross-over	Ivory	Bulk
W2532ACB	10 Metre	Cross-over	Ivory	Blisters
W2525	15 Metre	Cross-over	Ivory	Bulk
W2525ACB	15 Metre	Cross-over	Ivory	Blisters
W2528	20 Metre	Cross-over	Ivory	Bulk
W2528ACB	20 Metre	Cross-over	Ivory	Blisters
W2530	25 Metre	Cross-over	Ivory	Bulk
W2530ACB	25 Metre	Cross-over	Ivory	Blisters
W2531	30 Metre	Cross-over	Ivory	Bulk
W2531ACB	30 Metre	Cross-over	Ivory	Blisters

RJ11/RJ45 Modular Line Cord



4 conductor line cord fitted with one 6 position RJ11 and one 8 position RJ45 modular plug. Various lengths, colors and wiring configurations are available to special order. Both straight-thru and cross-over wiring types are available.

CAT #	LENGTH	WIRING	COLOR	PACKING
W2477	1.5 Metre	1-1	Ivory	Bulk
W2478	2 Metre	1-1	Ivory	Bulk
W2478ACB	2 Metre	1-1	Ivory	Blisters
W2483	3 Metre	1-1	Ivory	Bulk
W2483ACB	3 Metre	1-1	Ivory	Blisters
W2484	3 Metre	1-1	Black	Bulk
W2485	5 Metre	1-1	Ivory	Bulk
W2486	6 Metre	1-1	Ivory	Bulk
W2487	7 Metre	1-1	Ivory	Bulk
W2488	10 Metre	1-1	Ivory	Bulk
W2489	15 Metre	1-1	Ivory	Bulk

RJ45/RJ45 Modular Line Cord



Flat modular line cord with an 8P8C RJ45 modular plug on each end. Available with 4, 6 or 8 conductor cord in various lengths, colors and wiring configurations. Both straight-thru and cross-over wiring types are available.

CAT #	LENGTH	WIRING	COLOR
W2474	Various	Either	Various

606 Telephone Plug



Standard Australian 2 or 4 terminal telephone plug. Compact design with internal cord restraint barbs. Mates with 610, 611 and 612 telephone sockets. Connection to conductors is made using H1130 quick connect crimps. Bulk cartons of 1200 are packed SKD. Australian patent # 608356.

CAT #	TERMINALS	COLOR
P6056	2	Ash
P6057	2	Black
P6055	2	Ivory
P6069	4	Ash
P6070	4	Black
P6068	4	Ivory

610 Telephone Cord Socket



Standard Australian telephone cord socket. Will accept 605, 606 or 603 telephone plugs. Cut-out accepts our standard grommets (not included). SKD stock also available in bulk cartons of 1200.

CAT #	COLOR
P6100	Ivory

615 Plug/Socket Adaptor



Adaptor which combines 605 plug and 610 socket with side cable entry and internal cavity to accept our G5 cord restraint grommet. Can be wired for mode-3 or any configuration. Australian design registration # 96142.

CAT #	COLOR
P5620	Ash
P5615	Ivory

615/RJ11 Extension Cord



4 conductor extension line cord with 615 double adaptor and 6P4C RJ11 modular plug. Various lengths, colors and wiring configurations are available to special order.

CAT #	LENGTH
W2375	10 Metre

RJ11 to 610 Extension Socket Cord



4 conductor extension cord fitted with 6P4C RJ11 or 8P8C RJ45 modular plug and standard 610 telephone line socket. Various lengths, colors and wiring configurations are available to special order.

CAT #	TYPE	LENGTH
W1002	6P4C	2 Metre
W1008	8P8C	2 Metre

606/RJ11 Line Cord



Line cord with 6 position RJ11 modular plug and hard-wired standard Australian 606 plug for connecting telecommunications devices to the network. A wide variety of lengths, colors and wiring configurations are available to special order.

CAT #	LENGTH	CONDUCTORS	COLOR	PACK
W3612	2 Metre	2	Ash	Bulk
W3614	2 Metre	2	Black	Bulk
W3606	2 Metre	2	Dark Grey	Bulk
W3610	2 Metre	2	Ivory	Bulk
W3622	3 Metre	2	Ash	Bulk
W3624	3 Metre	2	Black	Bulk
W3620	3 Metre	2	Ivory	Bulk
W3652	2 Metre	4	Ash	Bulk
W3654	2 Metre	4	Black	Bulk
W3650	2 Metre	4	Ivory	Bulk
W0022ACB	2 Metre	4	Ivory	Bliester
W0023ACB	3 Metre	4	Ivory	Bliester
W0025ACB	5 Metre	4	Ivory	Bliester

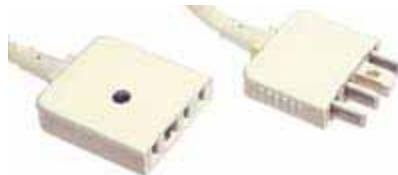
606/RJ11 2-Piece Line Cord



606M modular plug adaptor and 6 position modular line cord fitted with RJ11 plugs. 606M adaptor can be fitted or detached allowing equipment to connect to either modular or 610 wall outlets. A wide variety of lengths, colors and wiring configurations are available to special order.

CAT #	LENGTH	CONDUCTORS	COLOR	PACK
W3720BLK	1.8 Metre	2	Black	Bulk
W3720BDG	1.8 Metre	2	Dark Grey	Bulk
W3720SMG	1.8 Metre	2	Light Grey	Bulk
W3720IVO	1.8 Metre	2	Ivory	Bulk
W3742IVO	2 Metre	4	Ivory	Bulk

605/610 6 Conductor Extension Cord



6 conductor parallel configuration extends line cords on Commander stations, PABX phones, faxes, modems or other devices where 4 conductor extension cords are unsuitable.

CAT #	LENGTH
W2395	3 Metre
W2400	5 Metre
W2450	10 Metre
W2455	15 Metre

615/610 Extension Cord with Double Adaptor



4 conductor extension cord with 615 double adaptor to enable retention of existing telephone outlet whilst also providing an additional socket. Blister packed.

CAT #	LENGTH
W2335	5 Metre
W2360	10 Metre
W2370	15 Metre

606/610 4 Conductor Extension Cord



Standard 4 conductor extension cord with 606 plug and 610 socket, suitable for telephones and a wide range of other devices. Blister packed.

CAT #	LENGTH
W1277ACB	2 Metre
W1278ACB	3 Metre
W1280ACB	5 Metre
W1300ACB	10 Metre
W1310ACB	15 Metre
W1320ACB	20 Metre
W1325ACB	25 Metre
W1330ACB	30 Metre

RELATED PRODUCTS

Australian Telephones Plugs & Sockets Page 18-19





606M Modular Plug Adaptor



Adapts 6 position or 8 position modular plugs to 606 telephone plugs. Unique slim design allows 606M to fit into double adaptors or stacked wall sockets without obstructing one of the 610 sockets. Therefore, two 606M adaptors will fit into a standard double adaptor. Blister pack model includes reducer to suit either RJ11 or RJ45. Special colors and wiring configurations are also available. 606M is designed and manufactured by Access Communications. Australian patent # 608356.

CAT #	TYPE	COLOR	PACKING
P6221	6P2C	Ash	Bulk
P6222	6P2C	Black	Bulk
P6220	6P2C	Ivory	Bulk
P6220BDG	6P2C	Dark Grey	Bulk
P6219	6P2C	Grey	Bulk
P6241	6P4C	Ash	Bulk
P6242	6P4C	Black	Bulk
P6243	6P4C	Grey	Bulk
P6240	6P4C	Ivory	Bulk
P6260	6P6C	Ivory	Bulk
P6282	8P2C	Ivory	Bulk
P6284	8P4C	Ivory	Bulk
P6284ACB	8P4C/6P4C	Ivory	Blister
P6230	6P2C Mode-14	Black	Bulk

605M Modular Plug Adaptor



Adapts 6 position modular plugs to 605 telephone plugs. Special colors and wiring configurations are also available. 605M is designed and manufactured by Access Communications.

CAT #	CONDUCTORS	COLOR
P6060	4	Ivory

600 Double Adaptor



This efficiently designed compact one piece double adaptor features 6 conductor parallel wiring configuration which suits most telecommunications devices fitted with 605 or 606 telephone plugs.

CAT #	PACKING
P5600	Bulk
P5600ACB	Blister

610M Modular Socket Adaptor



Adapts 6 position or 8 position modular plugs to 610 telephone sockets. Blister pack model includes reducer to suit either RJ11 or RJ45. Special colors and wiring configurations are also available. 610M is designed and manufactured by Access Communications.

CAT #	TYPE	COLOR	PACKING
P6364IVO	6P4C	Ivory	Bulk
P6384IVO	8P4C	Ivory	Bulk
P6384ACB	6P4C/8P4C	Ivory	Blister

606DM Dual Modular Plug Adaptor



Adapts two 6 position or 8 position modular plugs to 606 telephone plug. Unique slim design allows 606DMs to fit into double adaptors or stacked wall sockets without obstructing one of the 610 sockets. Therefore, two 606DM adaptors will fit into a standard double adaptor. Special colors and wiring configurations are also available. 606DM is designed and manufactured by Access Communications. Australian patent # 608356.

CAT #	TYPE	COLOR	PACKING
P6340	6P4C	Ivory	Bulk
P6348IVO	8P4C	Ivory	Bulk
P6348ACB	8P4C/6P4C	Ivory	Blister

Double Adaptor with Cord



This double adaptor is fitted with a short cord to overcome difficulties accessing inconveniently located sockets where use of one piece adaptors is impractical. The 4-conductor parallel wiring configuration suits most direct telephone lines.

CAT #	COLOR
P5606	Ivory

616M Half Modular Adaptor



616M is an updated version of our 615M model. The 616M combines a 605 plug and a 610 socket, with either 6P4C (RJ11) or 8P4C (RJ45) modular socket. Updated design has front entry modular socket for easier use with side mounted wall sockets. Parallel wiring and mode-3 wiring versions are available. Blister pack model includes reducer to suit either RJ11 or RJ45. Custom wiring configurations and colors can also be made if required. Australian patent # 608356.

CAT #	TYPE	WIRING	COLOR	PACKING
P6163IVO	6P4C	Mode-3	Ivory	Bulk
P6164IVO	6P4C	Parallel	Ivory	Bulk
P6184IVO	8P4C	Parallel	Ivory	Bulk
P6184ACB	8P4C/6P4C (with reducer)	Parallel	Ivory	Blister

615M Side Entry Half Modular Adaptor



615M adaptor combines a 605 plug and a 610 socket, with side entry 6 position modular socket. Standard wiring is parallel. Custom wiring configurations can also be made if required. Australian design registration #122281.

CAT #	WIRING	COLOR	PACKING
P6150	4 conductor parallel	Ivory	Bulk

635 Double Adaptor



Double adaptor features 6 conductor wiring configuration which suits most telecommunications devices fitted with 605 or 606 telephone plugs. Removable panels allow access to change wiring configuration if required. Standard wiring is parallel.

CAT #	COLOR
P5609	Ivory

610/611 Self Adhesive Backing Plate



Self adhesive backing plate to eliminate the requirement to use screws when mounting 610 or 611 sockets to any flat, clean surface. Access, Exicom and other compatible 610 or 611 sockets simply snap-on to the backing plate.

CAT #	COLOR
P8620	Ivory

610/611 Stacking Adaptor



This adaptor replaces the original lid of an existing 610 or 611 socket, allowing another 610 or 611 to be stacked on top. All wiring is fed through internally.

CAT #	COLOR
P8630	Ivory
P8630WHI	White

610/611 Flush Plate



Flush plate for 610 or 611 wall sockets. Access, Exicom and other compatible 610 or 611 sockets simply snap-on to this wall plate. Fits standard electrical switch plate installation hardware making it perfect for easy flush installation on gyprock or fibro cavity walls. Color is ivory.

CAT #	COLOR
P8624	Ivory

610W Telephone Wall Socket



Commercial Grade

Standard Australian telephone wall socket. Will accept 605, 606 or 603 telephone plugs. Our commercial grade 610 wall socket has numerous features and improvements:

- Longer terminal screws with thicker and wider heads
- Tightly captive washers beneath terminal screw-head for reliable insulation crushing
- Tightly seated metals will not drop out during installation
- Compatible with stacking adaptors
- Compatible with snap-on adhesive wall plates
- A-tick symbol engraved on outside of lid
- Quality plastic with highly polished finish
- Longer lid screw for compatibility with stacking adaptors
- Shrink wrapped in strips of 5 for easier handling
- Competitively priced

CAT #	COLOR	PACKING
P6106	Ash	Bulk
P6105ACB	Ivory	Blister
P6105	Ivory	Bulk
P6107ACB	White	Blister
P6107	White	Bulk

611 Data Socket



Suitable for security devices, diallers, modems and other auxiliary equipment. Accepts 604, 605 or 606 telephone plugs. Often referred to as a mode-3 socket. Cams allow each terminal pair to be switched or unswitched when plug is withdrawn. Wall and cord models are available.

CAT #	COLOR	TYPE
P6116	Ivory	Wall
P6114	Ivory	Cord

604 Data Plug



Compatible only with 611 telephone sockets. Applications include leased lines, security diallers and other auxiliary equipment. Requires cord grommet. Australian patent # 608356.

CAT #	COLOR
P6040	Ivory

605A Telephone Plug



Standard Australian 4 or 6 terminal telephone plug. Mates with 610, 611 and 612 telephone sockets. Connection to conductors is made using H1130 quick connect crimps. Requires cord grommet. Available in blister pack with grommet included. SKD stock also available in bulk cartons of 1200. Australian patent # 608356.

CAT #	TERMINALS	COLOR
P6050	4	Ivory
P6052	6	Ivory

630 Mode-3 Adaptor



Mode-3 adaptor for connection of certain security diallers and some older fax machines and modems. Removable panels allow configuration change if required. Incorporates 605 plug, 610 and 611 sockets.

CAT #	PACKING
P5665	Bulk
P5665ACB	Blister



BT/NZ Line Cord to Modular Plug



New Zealand or British line cord for telephones and devices with modular line jacks. Standard wiring configuration, fitted with BABT approved 6P4C plug.

CAT #	CONDUCTORS	LENGTH	COLOR
W0122ASH	2	2 Metre	Ash
W0122BLK	2	2 Metre	Black
W0122IVO	2	2 Metre	Ivory
W0142ASH	4	2 Metre	Ash
W0142BLK	4	2 Metre	Black
W0142IVO	4	2 Metre	Ivory

BT/NZ Extension Cord with Double Adaptor



Extension line cord with BT/NZ double adaptor and 6P4C BT/NZ line plug.

CAT #	LENGTH
W2385	10 Metre

BT/NZ Line Cord to Australian 606 Plug



Line cord fitted with Australian 606 plug and BT/NZ 6P4C line plug. Allows devices with BT/NZ line sockets to be connected to Australian 610 telephone wall sockets.

CAT #	LENGTH
W2393	2 Metre

BT/NZ Handset Plug (Reverse Latch)



Type 430A & 630A handset plugs with reverse latch as used by British Telecom, New Zealand and Hong Kong. Connects coiled handset cords or headsets to some British or NZ designed devices. BABT approved. White in color.

CAT #	TYPE	BT TYPE
P2999	6P4C	430A
P2998	6P6C	630A

BT/NZ Line Plug



Type 431A & 631A line plugs as used by British Telecom, New Zealand and Hong Kong. BABT approved. White in color.

CAT #	TYPE	BT TYPE
P3000	6P4C	431A
P3001	6P6C	631A

BT/NZ Wall Socket



Standard BT/NZ telephone line wall socket. Up to 6 conductors can be connected using screw terminals. Master version also available which contains line termination circuit and lightning arrester. Spring-loaded socket cover prevents intrusion of dust and moisture. White in color.

CAT #	TYPE	BT TYPE
P3030	6P6C	Slave
P3032	6P6C	Master

BT/NZ Coupler



Enables two cords fitted with BT/NZ telephone line plugs to be coupled together. Can also be used as a gender changer. White in color.

CAT #	TYPE
P3020	6P6C

BT/NZ to RJ11 Adaptor



Adapts a BT/NZ wall socket to a 6 position RJ11 modular line socket.

CAT #	TYPE
P3014	6P6C

BT/NZ Double Adaptor



Converts one BT/NZ telephone socket into two, enabling two devices to be connected to one BT/NZ telephone line socket. White in color.

CAT #	TYPE
P3010	6P6C

BT/NZ Line Cord to Australian 610 Socket



This adaptor allows devices with Australian telephone plugs to be connected to New Zealand line sockets.

CAT #	LENGTH
W2391	2 Metre

BT/NZ Extension Cord



Standard BT/NZ telephone line extension cord.

CAT #	LENGTH
W2382	5 Metre
W2381	10 Metre

Replacement Handset Cords



Replacement coiled handset cords to suit Commander stations, Payphones and popular Touchtone and PABX telephones. Our AN and BN cords also suit Nitsuko FP-1000 or FP-2000 multi-feature telephones. We are experts in custom manufacture and supply of specialised flat or round coiled cords to suit any low-voltage application. Tinsel conductors are standard in order to provide maximum service-life and maintain coiled profile. Polyester or Kevlar threads can be added for extra strength if required. Ends can be made with any tail lengths, connectors or unterminated if specified.

CAT #	SUITS	COLOR
W2940	Commander - AN	Off-white
W2952	Commander - BN / FP-2000	Off-white
W3045	Commander - HX	Grey
W2950	Commander - N	Ivory
W3043	Commander - NT	Ash
W2955	Commander - S	Teakwood
W3060	Comset	Ash
W3046	Ericsson	Black
W3047	Ericsson	Grape
W3050	Ericsson	Grey
W3049	Ericsson	Taupe
W3048	Ericsson	White
W2945	FP-1000	Off-white
W8495	Payfone - Blue	Blue
W2965	Payfone - Gold	Gold
W2932	T200 (OLD)	Charcoal
W2934	T200/T400	Charcoal
W2957	T210	Grey

Modular Coiled Handset Cords



Standard 4 conductor coiled cord fitted with 4P4C modular plugs. Can also be supplied with any tail lengths, other connectors or unterminated if specified.

CAT #	COLOR	LENGTH	PACKING
W3005	Grey	2.4 Metre	Bulk
W3040	Ash	3 Metre	Bulk
W3040ACB	Ash	3 Metre	Blister
W3010	Black	3 Metre	Bulk
W3010ACB	Black	3 Metre	Blister
W3020	Brown	3 Metre	Bulk
W3030	Ivory	3 Metre	Bulk
W3030ACB	Ivory	3 Metre	Blister
W3015	Red	3 Metre	Bulk
W3060	White	3 Metre	Bulk
W3060ACB	White	3 Metre	Blister
W3110	Ash	5 Metre	Bulk
W3110ACB	Ash	5 Metre	Blister
W3080	Black	5 Metre	Bulk
W3080ACB	Black	5 Metre	Blister
W3100	Ivory	5 Metre	Bulk
W3100ACB	Ivory	5 Metre	Blister
W3130	White	5 Metre	Bulk
W3130ACB	White	5 Metre	Blister
W3180	Ash	8 Metre	Bulk
W3180ACB	Ash	8 Metre	Blister
W3150	Black	8 Metre	Bulk
W3150ACB	Black	8 Metre	Blister
W3170	Ivory	8 Metre	Bulk
W1370ACB	Ivory	8 Metre	Blister
W3200	White	8 Metre	Bulk
W3200ACB	White	8 Metre	Blister

6 and 8 Conductor Coiled Cords



Flat or round coiled 6 or 8 conductor cord fitted with modular plugs. Can be supplied with any tail lengths, other connectors or unterminated if specified.

CAT #	COLOR	COND	PROFILE	PLUGS	WIRING	LENGTH
W3400	Ash	8	Round	No Plug		3 Metre
W3401	Ash	8	Round	8P8C	1-1	3 Metre
W3310	Black	6	Flat	6P6C	1-6	3 Metre
W3405SNA	Black	8	Round	8P8C	1-1	3 Metre
W3404SNA	Black	6	Round	8P8C	1-1	6 Metre

Grommets



PVC grommets suit most line cord types and provide effective strain relief. Table shows representative range only, custom grommets can be tooled to suit your specific requirement.

CAT #	COLOR	TYPE	CORD DIMENS	CORD PROFILE
P7150	Ash	G1	2.5 x 5.0mm	4 Conductor Flat
P7160	Dark Blue	G1	2.5 x 5.0mm	4 Conductor Flat
P7120	Black	G1	2.5 x 5.0mm	4 Conductor Flat
P7140	Brown	G1	2.5 x 5.0mm	4 Conductor Flat
P7130	Grey	G1	2.5 x 5.0mm	4 Conductor Flat
P7100	Ivory	G1	2.5 x 5.0mm	4 Conductor Flat
P7110	White	G1	2.5 x 5.0mm	4 Conductor Flat
P7220	Ash	G2	5.0mm	6 Conductor Round
P7200	Black	G2	5.0mm	6 Conductor Round
P7210	Ivory	G2	5.0mm	6 Conductor Round
P7330	Ash	G3	2.5 x 7.0mm	6 Conductor Flat
P7310	Black	G3	2.5 x 7.0mm	6 Conductor Flat
P7320	Ivory	G3	2.5 x 7.0mm	6 Conductor Flat
P7500	Ivory/Ash	G5	2.5 x 5.0mm	4 Conductor Flat
P7610	Ash	G6	3.0 x 5.0mm	4 Con BT/NZ Flat
P7600	Ivory	G6	3.0 x 5.0mm	4 Con BT/NZ Flat
P7620	White	G6	3.0 x 5.0mm	4 Con BT/NZ Flat
P7800	Ivory	G8	2.5 x 9.0mm	8 Conductor Flat
P7800BLK	Black	G8	2.5 x 9.0mm	8 Conductor Flat
P7820BLU	Blue	Payphone	9.0mm	Armoured Round

Expandite & Blocks



6 conductor round coiled cord terminated with 6-contact terminal blocks. For security, cash drawers and other applications. Terminal blocks and coiled cord also available separately.

CAT #	ITEM
K5600	Complete Assembly
K5605	Block Only
W3333	Cord Only

Armoured Handset Cord



Flexible metal armoured 4 conductor handset cord. Vandal resistant for emergency and public telephones.

CAT #	ITEM
W2958	Armoured Cord
P7820BLU	Grommet

50/100 Pair Distribution Box



Grey colored wall-mounted plastic distribution box containing mounting brackets for 10-pair IDC-type connection modules (available separately). Cable entry holes in rear and cable entry cut-outs on all 4 sides. Four moveable jumper rings and record-card included.

CAT #	CAPACITY	DIMENSIONS
P8750	50 Pair	210(H) x 160(W) x 75(D)mm.
P8760	100 Pair	320(H) x 210(W) x 125(D)mm

Distribution Frames



11-way and 27-way distribution frames with stainless steel back plane and ABS mountings. Suits our 10-pair IDC-type connection modules and label holders. Key-lockable metal lids with cable entry knock-outs on all sides and inbuilt record book holder are available separately.

CAT #	ITEM	DIMENSIONS
P8771	11-way frame	247(H) x 104(W) x 52(D)mm
P8772	11-way lid	375(H) x 200(W) x 125(D)mm
P8777	27-way frame	600(H) x 115(W) x 60(D)mm
P8778	27-way lid	730(H) x 205(W) x 125(D)mm

10 Pair Distribution Box



Ivory colored surface-mount distribution box with cable entry holes in rear and cable entry cut-outs on all 4 sides. Contains a 10-pair IDC module constructed of high-impact fire-resistant PBT material with corrosion resistant 5.0-micron silver-plated terminals. Terminate wires using our T0059 or T0050 impact tools (or any impact tool designed for termination of Krone-type IDC terminals). Supports pair-disconnect function if appropriate test plug is inserted. Dimensions 164(H) x 85(W) x 36(D)mm.

CAT #
P8740

10 Pair IDC Disconnect Module



10-pair IDC modules to suit our P8700-series 50-pair and 100-pair distribution boxes and P8770-series 11-way and 27-way distribution frames. High-impact fire-resistant PBT material with corrosion resistant 5.0-micron silver-plated IDC terminals. Terminate wires by using our T0059 or T0050 impact tools (or any impact tool designed for termination of Krone-type IDC terminals). Supports pair-disconnect function if appropriate test plug is inserted.

CAT #
P8710

10 Pair Label Module



10-pair label module for IDC frames. Suits our P8700-series 50-pair and 100-pair distribution boxes and P8770-series 11-way & 27-way distribution frames. Grey colored ABS material with card insert.

CAT #
P8714

Pair Marker Plugs



Pair Marker Plugs to suit our 10-pair IDC modules. Available with digits 1 through 0 or with numbers 10 through 100. Grey colored ABS material with black numerals.

CAT #	MARKING
P8715	1-0
P8716	10-100

Distribution Box Record Card



Suits our P8700-series 50-pair and 100-pair distribution boxes and P8770-series 11-way & 27-way distribution frames. Beige colored card has records for pairs 1-50 on one side and pairs 51-100 on the reverse.

CAT #
P8718

Terminal Block TBA-8



8 terminal connector block. Contains screw terminals for easy connection of up to 8 solid copper telephone conductors. Ivory colored screw-on lid. Dimensions 43(H) x 83(W) x 20(D)mm.

CAT #
P8638

Test Cord IDC Type 6P2C



Test cord fitted with IDC type plug and 6P2C modular plug. For connection of test butts or other equipment to Krone MDF or IDF. 100mm long cord.

CAT #
T0108

Universal Loud Sounding Alarm



This versatile unit, in the same-sized case as our K3507 tone ringer, replaces the Type-C Alarm. There is provision for two exchange lines via separate RJ11 sockets. Four different selectable alarm-tones are provided for each exchange line. All other connections to and from the unit are via screw terminals. Requires K3505 horn speaker. Other peripheral devices such as strobe lights, PIR sensors, doorbells, reed-relays, PA amplifier inputs etc can be connected. Supplied with a 12V DC power supply which is also used to provide 12V power for strobe-light operation. The maximum volume of the Universal Loud Sounding Alarm in conjunction with our K3505 Horn Speaker is 110dB. The unit has a REN of 0.1. Dimensions 115(W) x 155(H) x 35(D)mm.

CAT #	ITEM
K3509	Universal Alarm
K3504BLU	Strobe Light
K3505	Horn Speaker

Horn Speaker



15 watt horn speaker suitable for connection to the K3507 Tone Ringer or to the K3509 Universal Loud Sounding Alarm. The 350mm figure-8 cable has tinned ends for easy connection. IP4, splash-proof. Color is white.

CAT #
K3505

Strobe Light



This 12 volt, 3 watt strobe light is suitable for connection to our Universal Loud Sounding Alarm or for use with alarm systems, indicator-boards etc. Three lugs allow mounting to any surface. Two 550mm conductors exit from the centre rear of the unit and have tinned ends for easy termination.

CAT #	LENS COLOR
K3504BLU	Blue

Tone Ringer



Robust extension tone ringer with volume and pitch controls and an on/off switch. Connection to the exchange line is via either screw terminals or modular socket. Unit has a built-in speaker. An optional 15 watt horn speaker (connected via screw terminals) is available for more directional signalling of incoming calls. Maximum volume 98dB. This unit has a REN of 1.9. Dimensions 115(W) x 155(H) x 35(D)mm.

CAT #	ITEM
K3507	Tone Ringer
K3505	Horn Speaker

Extra Loud Bell



Extra loud extension bell with volume control, ideal for use in noisy environments or large sites. Modular sockets are fitted to allow in-line connection. Modular line cord and mounting bracket are included. REN 2.8.

CAT #
K3501

Extension Bell



605 plug connects directly into telephone line socket and mechanical bell rings loudly when incoming calls are received. Supplied with a 10 metre cord which connects to bell using a modular socket. On/off switch allows bell to be disabled. REN 1.0.

CAT #
K3500

Check our website for installation manuals & brochures
www.accesscomms.com.au

Nursecall Pendant



Nursecall button with soft PVC pendant for hospital and aged care services. Plug type and wiring can be custom made to suit host equipment. Standard color is white cable with green button.

CAT #	PLUG	LENGTH
K3811	6.3mm Stereo Phono	3 Metre
K3811-005	6.3mm Stereo Phono	5 Metre
K3811-008	6.3mm Stereo Phono	8 Metre
K3832	RCA	2 Metre
K3804GRN	Spare Green Button	

Nursecall Pressure Pad



Nursecall pressure pad for hospital and aged care services. Plug type and wiring can be custom made to suit host equipment. Standard color is white.

CAT #	PLUG	LENGTH
K3820	6.3mm Stereo Phono	2 Metre

IEC-C5 Appliance Cord



3-core general duty power cord as used on some compact Switch Mode Power Supplies (laptop computers) and small appliances. Fitted with IEC-C5 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3745	2.0 Metre	Black

IEC-C13 Medical Power Cord



new

A 3-core general duty power cord as used on some compact Switch Mode Power Supplies (laptop computers) and small appliances. Fitted with IEC-C13 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Orange colored flex and transparent mains plug & IEC connector as required for medical equipment applications. Also see our K3755ORA medical equipment cord with a left-hand right-angle socket. Electrical Safety Authority Approved.

CAT #	LENGTH	CONDUCTORS	COLOR
K3748ORA	1.0 Metre	3 x 0.75mm ²	Orange/Transp
K3750ORA	2.0 Metre	3 x 0.75mm ²	Orange/Transp
K3758ORA	3.0 Metre	3 x 1.00mm ²	Orange/Transp
K3754ORA	4.0 Metre	3 x 1.00mm ²	Orange/Transp
K3757ORA	5.0 Metre	3 x 1.00mm ²	Orange/Transp

IEC-C19 Power Cord



new

As used on rack mounted power boards. Fitted with a female IEC-C19 connector and an Australian 10 Amp or 15 Amp 3-pin mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR	MAINS PLUG
K3744-010	2.0 Metre	Black	10 Amp
K3744-115	1.0 Metre	Black	15 Amp
K3744-015	2.0 Metre	Black	15 Amp
K3744-315	3.0 Metre	Black	15 Amp
K3744-515	5.0 Metre	Black	15 Amp

IEC-C7 Appliance Power Cord



2-core light duty power cord as used on some small appliances. Fitted with IEC-C7 (figure-8) connector and Australian 2-pin mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3762-005	0.5 Metre	Black
K3762-001	1.0 Metre	Black
K3762	2.0 Metre	Black
K3762PUR	2.0 Metre	Purple
K3762WHI	2.0 Metre	White
K3762-030	3.0 Metre	Black

IEC-C7 Appliance Cord with Right-angle Mains Plug



new

2-core light duty power cord as used on some small appliances. Fitted with IEC-C7 (figure-8) connector and Australian 2-pin right-angle mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3762-009	2.0 Metre	Black

High Temp IEC-C15 Appliance Cord



10 Amp AC hot appliance cord with elastomer flex as required by many kitchen appliances. Standard length is 1 metre. Fitted with high-temperature, notched-type IEC-C15 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3741	1.0 Metre	Black

Lamp Cord with In-line Switch



new

Light duty 10 Amp 2-core 2x0.75mm² conductors power cord fitted with bayonet cap lamp holder with skirt and Australian 2-pin mains plug with insulated pins compliant with AS/NZS3112. The cord has an overall length of 3 meters, with an in-line on/off switch inserted 1.8 meters from the mains plug end. Electrical Safety Authority Approved.

CAT #	JACKET	DUTY	HAR TYPE	COLOR	LENGTH
K3761-001	Flat	Light	H03VVH2-F	Black	3 Metre

IEC-C19 to IEC-C20 Extension Cord



new

15 Amp 1.5mm² AC power cord fitted with male IEC-C20 and female IEC-C19 15Amp (16Amp) connectors. As used on rack mounted power boards, servers and UPS. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3743-002	250mm	Black
K3743-005	500mm	Black
K3743-007	750mm	Black
K3743-010	1.0 Metre	Black
K3743-015	1.5 Metre	Black
K3743-020	2.0 Metre	Black
K3743-025	2.5 Metre	Black
K3743-030	3.0 Metre	Black
K3743-040	4.0 Metre	Black
K3743-050	5.0 Metre	Black
K3743-060	6.0 Metre	Black
K3743-080	8.0 Metre	Black
K3743-100	10.0 Metre	Black

IEC-C13 Special Purpose Power Cord with Round Earth Pin



new

Power cord fitted with IEC-C13 connector and Australian special purpose 3-pin mains plug with round earth pin and insulated active and neutral pins compliant with AS/NZS3112. Applications include lighting, exhaust fans, cash registers or IT equipment which may be connected to a special purpose power circuit. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3788-002	2.0 Metre	Black
K3788-001	3.0 Metre	Grey

Power Cord with Right-Angle IEC-C13



10 Amp AC power cord as used on most computers and office equipment. Fitted with right angle IEC-C13 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Standard right angle is left-hand type, right-hand is available on special request. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3755	2.0 Metre	Black
K3755ORA	2.0 Metre	Orange/Transparent*

*Designed for medical applications.

Extension Power Cord



Australian 10 Amp general duty extension power cord with a 3-pin mains plug with insulated pins compliant with AS/NZS3112 and recessed mains socket. Packed in colorful and strong hang-sell poly-bags. Standard color is white. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K4002	2.0 Metre	White
K4003	3.0 Metre	White
K4005	5.0 Metre	White
K4010	10.0 Metre	White
K4015	15.0 Metre	White
K4020	20.0 Metre	White
K4025	25.0 Metre	White

IEC C-13 Power Cord



As used on most computers and office equipment. Fitted with IEC-C13 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3746	0.5 Metre	Black
K3748	1.0 Metre	Black
K3756	1.5 Metre	Ash
K3749	2.0 Metre	Ash
K3750	2.0 Metre	Black
K3753	2.0 Metre	Dark Grey
K3750WHI	2.0 Metre	White
K3752	2.5 Metre	Dark Grey
K3758ASH	3.0 Metre	Ash
K3758	3.0 Metre	Black
K3757	5.0 Metre	Black
K3750-010	10.0 Metre	Black

Right Angle Mains Cord with IEC-C13

A 3-core flex fitted with right-angle 3 pin Australian mains plug with insulated pins compliant with AS/NZS3112 and an IEC-C13 connector. Electrical Safety Authority Approved.

CAT #	LENGTH	CONDUCTORS	COLOR
K3785-010	2.0 Metre	3 x 0.75mm ²	Grey



new

Right Angle Mains Cord - Stripped & Tinned

A 2-core or 3-core flex fitted with right-angle 2 or 3 pin Australian mains plug with insulated pins compliant with AS/NZS3112. Custom lengths, colors, stripping and tinning or terminals are available. Suitable for any hard-wired electrical appliances or light fittings. Stock cords are shown below. Electrical Safety Authority Approved.

CAT #	LENGTH	CONDUCT	COLOR	SHEATH STRIPPED	ACTIVE/NEUTRAL	EARTH
K3785-001	2.0 Metre	3 x 0.75mm ²	Black	65mm	10mm stripped	10mm stripped
K3785-002	2.0 Metre	3 x 1.00mm ²	Black	65mm	10mm stripped	10mm stripped



new

IEC Extension Cord (PC Monitor Cord)



10 Amp AC power cord used mainly to power monitors from the PC's IEC output. Fitted with male IEC-C14 and female IEC-C13 connectors. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3759-005	0.5 Metre	Black
K3759-001	1.0 Metre	Black
K3760	2.0 Metre	Ash
K3759	2.0 Metre	Black
K3794	3.0 Metre	Black
K3795	5.0 Metre	Black

Mains Cord

A 2-core or 3-core flex fitted with standard Australian mains plug with insulated pins compliant with AS/NZS3112. Custom lengths, colors, stripping and tinning or terminals are available. Suitable for any hard-wired electrical appliances or light fittings. Electrical Safety Authority Approved.



CAT #	LENGTH	CONDUCT	COLOR	SHEATH STRIPPED	ACTIVE/NEUTRAL	EARTH
K3784-002	1.6 Metre	3 x 0.75mm ²	Black	80mm	6.3mm R/A Quick-connect	M4 connector
K3781	1.8 Metre	3 x 1.00mm ²	Black	10mm	Blunt Cut	Blunt Cut
K3782CUT	2.0 Metre	2 x 0.75mm ²	Black	Blunt Cut	Blunt Cut	No Earth
K3782	2.0 Metre	3 x 0.75mm ²	Black	80mm	10.0mm Stripped	M4 connector
K3782GRY	2.0 Metre	3 x 0.75mm ²	Grey	80mm	10.0mm Stripped	M5 connector
K3780	2.0 Metre	3 x 1.00mm ²	Black	60mm	10.0mm Stripped	10mm Stripped/Tinned
K3782-010	2.0 Metre	3 x 1.00mm ²	Grey	80mm	10.0mm Stripped	M5 connector
K3782-020	2.0 Metre	3 x 1.00mm ²	Black	80mm	10.0mm Stripped	M5 connector
K3782-003	3.0 Metre	3 x 0.75mm ²	Grey	80mm	10.0mm Stripped	M5 connector

Mains Socket IEC-C14 Cord



10 Amp 3-core power cord fitted with standard Australian mains socket and an IEC-C14 connector. Suitable for connection of a device fitted with a standard mains plug to an IEC-C13 connector. Typically used to connect a PC to a UPS. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3791	150mm	Black
K3792	1500mm	Black

IEC-C13 Mains Y Cord



A 10 Amp 3-core power cord fitted with Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112 and two IEC-C13 connectors. Suitable for supply of power to both a PC and monitor from a single power outlet. Length is 2 metres overall, comprising 2 x 1.5 metre IEC-C13 sections and a single 0.5 metre section from the mains plug to the Y-junction. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR	MAINS PLUG
K3774	500mm + 2 x 1.5 M	Black	Standard 10A
K3774-009	500mm + 2 x 1.5 M	Black	Round Earth

IEC Monitor Y Cord



10 Amp 3-core power cord fitted with one IEC-C14 connector and two IEC-C13 connectors. Suitable for supply of power to two monitors or other devices fitted with IEC-C14 connectors from a single IEC-C13 power connector. Standard type is 2 metres overall, comprising 2 x 1.5 metre IEC-C13 sections and a single 0.5 metre section from the IEC-C14 connector to the Y-junction. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3778-300	200mm + 2 x 100mm	Black
K3778	500mm + 2 x 1.5 Metre	Black

IEC Mains Socket Y Cord



10 Amp 3-core power cord fitted with one IEC-C14 connector, one IEC-C13 connector and one 3-pin Australian mains socket. Suitable for connection of a device fitted with a standard Australian mains plug and a device fitted with an IEC-C14 connector to a UPS or other device fitted with a IEC-C13 output. Length is 600mm overall, comprising 2 x 250mm IEC sections and a single 150mm section from the mains socket to the Y-junction. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOR
K3773	1500mm + 2 x 250mm	Black

U.S.A. IEC-C7 Appliance Cord



For 110V use. 2-core light duty 18AWG figure-8 power cord as used in U.S.A. for some small appliances. Fitted with IEC-C7 (figure-8) connector and 110V U.S.A. 2-pin mains plug.

CAT #	LENGTH	COLOR
K3762USA	2.0 Metre	Black

UK IEC-C7 Appliance Power Cord



2-core light duty power cord as used on some small appliances for use in UK, Hong Kong or Singapore. Fitted with an IEC-C7 (figure-8) connector and a UK 3-pin mains plug with integrated 3 amp fuse. BS Approved.

CAT #	LENGTH	COLOR
K3762UK3	2.0 Metre	Black

European IEC-C7 Appliance Power Cord



2-core light duty power cord as used on some small appliances for use in Europe. Fitted with IEC-C7 (figure-8) connector and a 2-pin European mains plug.

CAT #	LENGTH	COLOR
K3762EU	2.0 Metre	Black

U.S.A. IEC-C13 Power Cord



For 110V use. AC power cord as used on most U.S.A. computers and office equipment. Fitted with IEC-C13 connector and 110V U.S.A. 3-pin mains plug.

CAT #	LENGTH	COLOR
K3764	1.8 Metre	Black
K3765	3.0 Metre	Grey

U.K. IEC-C13 Power Cord



10 amp AC power cord as used on most U.K. Hong Kong or Singapore computers and office equipment. Fitted with an IEC-C13 connector and a 230V 3-pin U.K. mains plug with integrated 13 amp fuse.

CAT #	LENGTH	COLOR
K3767	2.0 Metre	Black

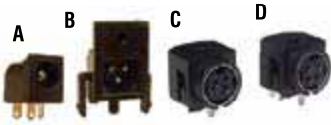
European IEC-C13 Power Cord



10 amp AC power cord as used on most European computers and office equipment. Fitted with an IEC-C13 connector and a right-angled 230V earthed European Schuko mains plug.

CAT #	LENGTH	COLOR
K3769	1.5 Metre	Black
K3770	2.0 Metre	Black

PCB DC Sockets



PCB mount DC sockets to accept either 2.1mm or 2.5mm ID DC output plugs, Mini-IEC plugs or Quick-lock plugs.

CAT #	LABEL	SOCKET TYPE
K3721	(A)	5.5 x 2.1mm
K3725	(A)	5.5 x 2.5mm
K3718	(B)	3-pin Mini-IEC
K3716	(C)	3-pin Quick-lock
K3717	(D)	4-pin Quick-lock

DC Output Plugs



Quality retro-fit DC output plugs for use with power supplies. Soft PVC backshell with flexible cord entry for improved strain relief. Any of these output plug types can be injection molded to output cords when ordering our power supplies.

CAT #	LABEL	PLUG TYPE
K3710	(A)	9(L) x 3.5(OD) x 1.3(ID)mm DC Plug
K3712/09	(B)	9(L) x 5.5(OD) x 2.1(ID)mm DC Plug
K3712/12	(B)	12(L) x 5.5(OD) x 2.1(ID)mm DC Plug
K3712/14	(B)	14(L) x 5.5(OD) x 2.1(ID)mm DC Plug
K3714/09	(C)	9(L) x 5.5(OD) x 2.5(ID)mm DC Plug
K3714/12	(C)	12(L) x 5.5(OD) x 2.5(ID)mm DC Plug
K3714/14	(C)	14(L) x 5.5(OD) x 2.5(ID)mm DC Plug
K3715	(C)	9.5(L) x 6.3(OD) x 3.2(ID)mm DC Plug
K3672	(D)	2.5mm Mono Phono
K3674	(E)	3.5mm Mono Phono
K3683	(F)	3 Pin Mini-Din
K3695	(G)	5 Pin Din
K3701	(H)	EIAJ-01
K3702	(I)	EIAJ-02
K3703	(J)	EIAJ-03
K3704	(K)	EIAJ-04
K3705	(L)	EIAJ-05
K3708	(M)	9.5(L) x 5.5(OD) x 2.1(ID)mm Right Angle
K3709	(N)	9.5(L) x 5.5(OD) x 2.5(ID)mm Right Angle

Quick-lock 3 Pin and 4 Pin DC Plugs



new

Assembly type quick-lock 3 Pin and 4 Pin DC plugs for use with power supplies. A soft PVC strain relief is included and is available to suit different cable diameters. Mates with our 3 Pin K3716 and 4 Pin K3717 PCB sockets.

CAT #	PINS	MAX CABLE OD
K3679-335	3	3.5mm
K3679-350	3	5.0mm
K3679-355	3	5.5mm
K3679-365	3	6.5mm
K3679-370	3	7.0mm
K3679-435	4	3.5mm
K3679-450	4	5.0mm
K3679-455	4	5.5mm
K3679-465	4	6.5mm
K3679-470	4	7.0mm

USB + Power Plug



new

Powered USB plug combining standard USB plug configuration with additional power contacts for applications where power requirements exceed the capabilities of the standard USB plug. Typical applications include retail point-of-sale, including barcode scanners, printers, signature pads and cash drawers. Plug contacts 1~4 meet USB 2.0 requirements and contacts 5~8 provide power up to 6 Amps. 5V, 12V and 24V versions are available and each type has color coded latch/body and is keyed to prevent mating with incorrect socket.

CAT #	DESCRIPTION	MAX CURRENT	COLOR	KEY POSITION
K3660-005	USB + 5 Volt DC	6 Amps (30 watts)	Grey	Pin 7
K3660-012	USB + 12 Volt DC	6 Amps (72 watts)	Teal Blue	Pin 5
K3660-024	USB + 24 Volt DC	6 Amps (144 watts)	Red	Pin 6

Mini IEC Output Cord



3-core round output cord fitted with miniature 3-pin connector (Mini-IEC). Used by specific brands of EFTPOS terminals and other devices.

CAT #	LENGTH
K3728	1800mm

DC Output Cords



Output cables fitted with injection molded DC output plugs.

CAT #	PLUG TYPE	LENGTH	CABLE TYPE
K3733-120	9 x 5.5 x 2.1mm	1.2 Metre	Figure-8
K3733-520	11 x 5.5 x 2.1mm	0.5 Metre	Figure-8
K3733-200	11 x 5.5 x 2.1mm	2.0 Metre	Figure-8
K3733	11 x 5.5 x 2.1mm	3.0 Metre	Figure-8
K3735-330	11 x 5.5 x 2.5mm	3.3 Metre	Round

Phono Cords



Cords with injection-molded phono plugs for low voltage and audio applications. W4092 is fitted with a 3.5mm + 2.5mm twin mono phono plug as used by cassette recorder microphones with on/off remote switch and radio equipment with a press-to-talk speaker/microphone. Other types can be custom made to any length using either stereo or mono 2.5mm, 3.5mm or 6.3mm phono plugs.

CAT #	TYPE	COLOR	LENGTH
W4010	3.5 stereo to stripped	Black	600mm
W4092	2.5+3.5 mono to stripped	Black	1.2 Metre
W4030BDG	3.5 stereo to 3.5 R/A mono	Dark Grey	2 Metre
W4003	3.5 mono to 3.5 R/A mono (coiled cord)	Black	3 Metre

Output Plug Converter Cords



Output cord converter with injection molded DC plug and socket. Convert the existing output plug of a power supply to a different type, size or polarity. Cross-over version reverses polarity from centre-positive to centre-negative or centre-negative to centre-positive whilst either maintaining existing plug type and size or converting to another. Standard length is 130mm overall and standard construction is 20AWG.

CAT #	SOCKET	PLUG	WIRING	TIP COLOR	CORD
K3621-S13	2.1mm ID	1.3mm ID	Straight-thru	Black	Round
K3621-S25	2.1mm ID	2.5mm ID	Straight-thru	Black	Round
K3621-SJ2	2.1mm ID	EIAJ-02	Straight-thru	Yellow	Round
K3621-X21	2.1mm ID	2.1mm ID	Cross-over	Red	Round
K3621-X25	2.1mm ID	2.5mm ID	Cross-over	Green	Round
K3621-150	2.1mm ID	Blunt Cut			Round
K3625-S21	2.5mm ID	2.1mm ID	Straight-thru	Black	Figure-8
K3625-X21	2.5mm ID	2.1mm ID	Cross-over	Green	Figure-8
K3625-X25	2.5mm ID	2.5mm ID	Cross-over	Red	Figure-8
K3625-150	2.5mm ID	Blunt Cut			Round

RELATED PRODUCTS

Power Supplies & Adaptors
Pages 28-30



Switch Mode Power Supplies

Switch Mode Power Supplies are also known as "Switched Mode Power Supplies", "Switching Mode Power Supplies", "SMPSU" and "SPS" and are electronic power supply units that incorporate a switching regulator.

Switch Mode Power Supplies have been around for a long time but are now becoming the predominant type of external DC power supply in use.

Traditional linear transformer based power supplies have increased in price recently due to dramatic increases in the cost of copper and steel which are the primary raw materials used for transformers.

Comparatively speaking, the price of Switch Mode Power Supplies has been coming down in recent years as PCB assembly processes have been further automated and internal components have been miniaturised and integrated.

Switch Mode Power Supply Units also have several other advantages over transformer based PSU's:

- Environmentally friendly due to greater energy efficiency allowing compliance with the latest Minimum Energy Performance Standards (MEPS).
- Smaller size, lighter weight and lower heat generation resulting from higher efficiency compared to Linear Transformer Power Supplies
- Universal auto-ranging input voltage, typically from 90V AC to 264V AC.
- Latest generation have cleaner EMC characteristics to reduce interference with sensitive equipment.
- Output voltage is fully regulated.

Plug-in models are available in 5 Watt, 10~12 Watt, 15~18 Watt & 25~30 Watt sizes and have insulated mains pins for increased safety and compliance with AS/NZS3112.

In-line models are available in 12~18 Watt, 30~42 Watt, 50~60 Watt & 150 Watt sizes and some models are available with a choice of IEC-C14 or IEC-C8 appliance connectors allowing different input cords to be easily fitted.

Popular DC output voltages are available for each model including 3.3V, 5V, 6V, 9V, 12V, 15V 18V, 24V & 48V. Please check adjacent tables.

05G Series Switch Mode PSU



new

Wall mounted light weight and compact Switch Mode Power Supply Unit with 5 watt maximum output capacity. 96V-264V AC wide input voltage range suits travel product applications. Popular voltages shown below. Other voltages can be custom made. Insulated active and neutral pins meet AS/NZS3112 for improved electrical safety. The narrow width of this adaptor allows two adaptors to be used in a standard double power outlet. Dimensions 41(W) x 57(H) x 49(D)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	PLUG	CENTRE
T0510-001	5V DC 1000mA	11 x 5.5 x 2.1mm	Pos
T0510-002	5V DC 1000mA	Mini-USB	
T0510-003	5V DC 1000mA	10 x 3.5 x 1.3mm	Pos
T0683-001	6V DC 830mA	11 x 5.5 x 2.1mm	Pos
T0955-001	9V DC 550mA	11 x 5.5 x 2.1mm	Pos
T0955-002	9V DC 550mA	11 x 5.5 x 2.5mm	Pos
T1241-001	12V DC 410mA	11 x 5.5 x 2.1mm	Pos

10G Series Switch Mode PSU



new

Wall mounted light weight and compact Switch Mode Power Supply Unit with 10-12 watt maximum output capacity. 96V-264V AC wide input voltage range suits travel product applications. Popular voltages shown below. Other voltages can be custom made. Insulated active and neutral pins meet AS/NZS3112 for improved electrical safety. The narrow width of this adaptor allows two adaptors to be used in a standard double power outlet. Dimensions 41(W) x 74(H) x 35(D)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	PLUG	CENTRE
T0520-21G	5V DC 2.0 Amp	11 x 5.5 x 2.1mm	Pos
T0620-21G	6V DC 1.67 Amp	11 x 5.5 x 2.1mm	Pos
T0911-21G	9V DC 1.1 Amp	11 x 5.5 x 2.1mm	Pos
T1210-21G	12V DC 1.0 Amp	11 x 5.5 x 2.1mm	Pos
T1210-25G	12V DC 1.0 Amp	11 x 5.5 x 2.5mm	Pos
T1866-21G	18V DC 660mA	11 x 5.5 x 2.1mm	Pos

15G Series Switch Mode PSU



new

Wall mounted light weight and compact Switch Mode Power Supply Unit with 15-18 watt maximum output capacity. 96V-264V AC wide input voltage range suits travel product applications. Popular voltages shown below. Other voltages can be custom made. Insulated active and neutral pins meet AS/NZS3112 for improved electrical safety. The narrow width of this adaptor allows two adaptors to be used in a standard double power outlet. Dimensions 44(W) x 85(H) x 38(D)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	PLUG	CENTRE
T0333-21G	3.3V DC 3.0 Amp	11 x 5.5 x 2.1mm	Pos
T0530-21G	5V DC 3.0 Amp	11 x 5.5 x 2.1mm	Pos
T0530-25G	5V DC 3.0 Amp	11 x 5.5 x 2.5mm	Pos
T0530-21N	5V DC 3.0 Amp	11 x 5.5 x 2.1mm	Neg
T0625-21G	6V DC 2.5 Amp	11 x 5.5 x 2.1mm	Pos
T0752-21G	7.5V DC 2.0 Amp	11 x 5.5 x 2.1mm	Pos
T0916-21G	9V DC 1.66 Amp	11 x 5.5 x 2.1mm	Pos
T1255-21G	12V DC 1.5 Amp	11 x 5.5 x 2.1mm	Pos
T1255-25G	12V DC 1.5 Amp	11 x 5.5 x 2.5mm	Pos
T1255-21N	12V DC 1.5 Amp	11 x 5.5 x 2.1mm	Neg
T1512-21G	15V DC 1.2 Amp	11 x 5.5 x 2.1mm	Pos
T1512-005	15V DC 1.2 Amp	EIAJ-05	Pos
T1810-21G	18V DC 1.0 Amp	11 x 5.5 x 2.1mm	Pos
T1810-25G	18V DC 1.0 Amp	11 x 5.5 x 2.5mm	Pos

30G Series Switch Mode PSU



new

Wall mounted light weight and compact Switch Mode Power Supply Unit with 30 watt maximum output capacity. 96V-264V AC wide input voltage range suits travel product applications. Popular voltages shown below. Other voltages can be custom made. Insulated active and neutral pins meet AS/NZS3112 for improved electrical safety. Dimensions 55(W) x 96(H) x 42(D)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	PLUG	CENTRE
T0927-21G	9V DC 2.7 Amp	11 x 5.5 x 2.1mm	Pos
T1225-21G	12V DC 2.5 Amp	11 x 5.5 x 2.1mm	Pos
T1516-25G	15V DC 1.6 Amp	11 x 5.5 x 2.5mm	Pos
T2412-21G	24V DC 1.2 Amp	11 x 5.5 x 2.1mm	Pos

30D Series Switch Mode PSU



In-line lightweight and compact Switch Mode Power Supply Unit with 18 watt maximum output capacity. 96V-264V AC wide input voltage range suits travel product applications. Standard IEC-C8 or IEC-C14 inlet allows correct IEC-C7 or IEC-C13 power cord to be selected for each country. IEC power cord not included. Popular voltages shown below. Other voltages can be custom made. Dimensions 99(L) x 50(W) x 36(H)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	PLUG	CENTRE	IEC
T0525-008	5V DC 2.5Amp	10.5 x 5.5 x 2.5mm	Pos	C8
T0525P21	5V DC 2.5Amp	11 x 5.5 x 2.1mm	Pos	C14
T0921P21	9V DC 2.0Amp	10.5 x 5.5 x 2.1mm R/A	Pos	C14
T1225P13	12V DC 1.5Amp	10.5 x 3.5 x 1.3mm	Pos	C14
T1225P21	12V DC 1.5Amp	11 x 5.5 x 2.1mm	Pos	C14
T4802P25	48V DC 200mA	10.5 x 5.5 x 2.5mm R/A	Pos	C14

60D Series Switch Mode PSU



In-line Switch Mode Power Supply Unit with 60 watt maximum output capacity. 96V-264V AC wide input voltage range suits travel product applications. Standard IEC-C8 or IEC-C14 inlet allows correct IEC-C7 or IEC-C13 power cord to be selected for each country. IEC power cord not included. Popular voltages shown below. Other voltages can be custom made. Dimensions 114(L) x 62(W) x 36(H)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	PLUG	CENTRE	IEC
T09555PD	9V DC 5.5 Amp	5-pin Din		C14
T0955P21	9V DC 5.5 Amp	11 x 5.5 x 2.1mm	Pos	C14
T1250-001	12V DC 5.0 Amp	11 x 5.5 x 2.1mm	Pos	C14
T1250-002	12V DC 5.0 Amp	11 x 5.5 x 2.5mm	Pos	C14
T1540-008	15V DC 4.0 Amp	11 x 5.5 x 2.1mm	Pos	C8
T2425P25	24V DC 2.5 Amp	11 x 5.5 x 2.5mm	Pos	C14

42D Series Switch Mode PSU



In-line lightweight and compact Switch Mode Power Supply Unit with 42 watt maximum output capacity. 96V-264V AC wide input voltage range suits travel product applications. Standard IEC-C14 or IEC-C8 inlet allows correct IEC-C13 or IEC-C7 power cord to be selected for each country. IEC power cord not included. Popular voltages shown below. Other voltages can be custom made. Dimensions 100(L) x 56(W) x 35(H)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	PLUG	CENTRE	IEC
T0560-001	5V DC 6.0Amp	11x5.5x2.1mm	Pos	C14
T0940TOU	9V DC 4.0Amp	11x5.5x2.1mm	Pos	C14
T1235-001	12V DC 3.5Amp	11x5.5x2.1mm	Pos	C14
T1235-008	12V DC 3.5Amp	11x5.5x2.1mm	Pos	C8
T1235-002	12V DC 3.5Amp	11x5.5x2.5mm	Pos	C14
T1235-110	12V DC 3.5Amp	11x5.5x2.1mm	Pos	C14 (CEUL)
T1528-008	15V DC 2.8Amp	11x5.5x2.1mm	Pos	C8
T1626-002	16V DC 2.6Amp	9.7x6.5x3.0mm	Pos	C14
T1823-001	18V DC 2.33Amp	11x5.5x2.1mm	Pos	C14
T2417-001	24V DC 1.75Amp	11x5.5x2.1mm	Pos	C14

150F Series Switch Mode PSU



new

In-line Switch Mode Power Supply Unit with 150 watt maximum output capacity. Green power LED. Fan-less design for long-term reliability. 96V-264V AC wide input voltage range suits travel product applications. Standard IEC-C14 inlet allows correct IEC-C13 power cord to be selected for each country. IEC power cord not included. Standard models are shown below. Other voltages can be custom made. Dimensions 170(L) x 33(W) x 19(H)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	PLUG	IEC
T1212-150	12V DC 12.5 Amp	4-pin DC	C14
T2462-150	24V DC 6.25 Amp	4-pin DC	C14

Wide and Narrow Power Supplies (AS/NZS 3112:2000 & 2004)

To allow for the safe side-by-side use of devices with integral mains pins (such as plug-in power supplies) in double or multiple socket outlets (double-power points or power boards), these devices must be either less than 43.8mm wide or greater than 54mm wide. Two power supplies that are both less than 43.8mm wide will fit into a double power point (or adjacent sockets on a power board) without jamming. Two wide power supplies (both wider than 54mm) cannot be plugged into the same double power point (neither power supply will work). If one wide and one narrow power supply are plugged into the same double power point, only one power supply will be able to be correctly inserted and the other power supply will not work. The width (w) is measured at the widest part of the device as shown below.



Two narrow power supplies may be used together in a standard double power point. They will both safely operate without mechanical interference.



In an attempt to use one wide plus one narrow power supply in the same double power point, only one will be able to be fully inserted and the other power supply will not work. This example shows the wide power supply displacing the "narrow" power supply and preventing it from operating safely.



This example shows an attempt to use two wide power supplies in the same double power point. Both the power supplies are displaced. Neither can be inserted correctly and neither power supply will operate safely.



Multi-Voltage Adaptors

3 models available, 300mA, 500mA and 1 Amp. Rear mounted slide voltage selector switch prevents accidental changing of voltage whilst the unit is plugged into a wall mains outlet. 7 DC voltage selections: 1.5, 3, 4.5, 6, 7.5, 9 & 12 Volts DC. Compact wall mounted design. Green LED indicator. 180 degree swivel on output cord. Output plug selection includes a small EIAJ plug as used on some Walkmans, MP3 players, Gameboys etc. Output plug centre positive or centre negative changeable. Internal thermal fuse for electrical safety. The insulated active and neutral pins are compliant with AS/NZS3112. Packed in Powermaster® brand 3-color heat-sealed blister pack. Electrical Safety Authority Approved.

CAT #	CURRENT	DIMENSIONS
T0300	300mA	43(W) x 73(H) x 53(D)mm
T0500	500mA	43(W) x 73(H) x 53(D)mm
T1000	1 Amp	58(W) x 87(H) x 53(D)mm



AC Adaptors

We specialise in custom manufacture of transformer based (linear) AC Adaptors to your exact specification with popular voltage/current combinations held in stock.

A selection of popular output plug types and sizes is available or custom output plugs can be fitted if required. DC models with output plugs wired for either centre positive or centre negative polarity are available. Our standard AC Adaptors are unregulated.

Our entire range of AC Adaptors is Electrical Safety Authority approved and all cases and mains plugs have insulated active and neutral pin to meet requirements of AS/NZS3112. C-Tick indicates compliance with EMC standards.

48M Series AC Adaptor



Our premium large size AC adaptor with 16.8 watt maximum capacity. Features include ventilated case, flush LED indicator and our unique 180 degree swivel mechanism which provides excellent strain relief and reduces wear on output cord where it exits the case. The insulated pins are compliant with AS/NZS3112. Dimensions 58(W) x 87(H) x 53(D)mm. Electrical Safety Authority Approved.

41B Series AC Adaptor



Our premium medium sized AC adaptor with 10.9 watt maximum capacity. Features include ventilated case, flush LED indicator and our unique 180 degree swivel mechanism which provides excellent strain relief and reduces wear on output cord where it exits the case. The narrow width of this adaptor allows two adaptors to be used in a standard double power outlet. Dimensions 43(W) X 74(H) X 61(D)mm. Electrical Safety Authority Approved.

35B Series AC Adaptor



Our premium small AC adaptor with 4.8 watt maximum capacity and AC or DC output voltage from 3V to 30V and current range from 80mA to 800mA. Unique 180 degree swivel mechanism provides excellent strain relief and reduces wear on output cord where it exits the adaptor case. The insulated pins are compliant with AS/NZS3112. The narrow width of this adaptor allows two adaptors to be used in a standard double power outlet. Dimensions 44(W) x 75(H) x 45(D)mm. Electrical Safety Authority Approved.

48C Series AC Adaptor (Alarm Panel PSU)



Large ventilated case with 24 watt maximum capacity designed for applications such as security systems. Specialised 16V AC 1.5 Amp Class 1 (earthed) version available with ash colored case for security system manufacturers and installers. A selection of models is stocked. Custom models can be made from 3V to 30V with 300mA to 4 Amp current range. Insulated active and neutral pins meet AS/NZS3112 for improved electrical safety. Dimensions 58(W) x 77(H) x 57(D)mm. Electrical Safety Authority Approved.

57B Series AC Adaptor (Alarm Panel PSU)



Large ventilated case designed for high-duty cycle applications such as security systems. Output can be AC or DC, regulated or unregulated, from 3V to 30V with 300mA to 4A current range. Specialised 16V AC 1.5 Amp (24 watt) Class 1 (earthed) version available with ash colored case for security system manufacturers and installers. The insulated pins are compliant with AS/NZS3112. Dimensions 57(W) x 90(H) x 55(D) mm. Electrical Safety Authority Approved.

48E Series In-line AC Adaptor



Our medium sized in-line AC adaptor with 16.8 watt maximum capacity. Features include ventilated case, flush LED indicator and our unique 180 degree swivel mechanism which provides excellent strain relief and reduces wear on output cord where it exits the case. The AC input cord, fitted with a mains plug with insulated pins, is compliant with AS/NZS3112. Dimensions 58(L) x 53(W) x 87(H)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	CLASS
T1615S/T	16V AC 1.5 Amp	1
T1813S/T	18V AC 1.3 Amp	1

57A Series In-Line AC Adaptor



In-line AC adaptor has 24 watt maximum capacity with AC or DC output voltages, regulated or unregulated from 3V to 30V with 500mA to 5 amp current range. The AC input cord fitted with mains plug has insulated pins compliant with AS/NZS3112. Dimensions 67(L) x 59(W) x 88(H)mm. Electrical Safety Authority Approved.

66A Series In-Line AC Adaptor



In-line AC adaptor with 55.2 watt maximum capacity. Ventilated case. AC input cord fitted with mains plug and insulated pins compliant with AS/NZS3112. Dimensions 110(L) x 83(W) x 65(H)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT
T1240A21	12V AC 4 Amp
T2420S/T	24V AC 2 Amp

Battery Backup Box



Metal cabinet for housing of two 12V 7AH sealed lead-acid batteries. Keyhole slots on the back allow easy wall installation. An inside shelf provides secure stacking for two batteries. Grey color. Applications include battery backup for telephone systems and alarm panels. Dimensions 300(H) x 185(W) x 80(D)mm. Wiring looms with correct connectors to suit various telephone systems also available.

CAT #	ITEM
K2822	Battery Box
K2824	Wiring Loom - Fused Nitsuko Cable (1.9 Metre)
K2825	Wiring Loom - Hybrex Cable (1.0 Metre)
K2826	Wiring Loom - Stripped/Tinned (300mm)
K2828	Wiring Loom - Hybrex (1M to 2F)

Sealed Lead Acid Battery



12 Volt rechargeable sealed lead acid batteries. Available in 1.2AH and 7.0AH capacities. Suitable for UPS, security and laboratory applications.

CAT #	CAPACITY	DIMENSIONS
K3010	12V 1.2AH	97(W) x 58(H) x 47.5(D)mm
K3012	12V 7.0AH	151(W) x 99(H) x 65(D)mm

Telephone Handsets



Replacement handsets for various popular telephones. Dial-less telephone also available.

CAT #	TYPE	COLOR
K5110	G Type Handset	Ash
K5115	K Type Handset	Black
K5500	Dial-less Phone	Charcoal

Line Isolation Unit for Music On Hold



Compact LIU allows any audio device having an earphone or line-out socket to be connected to any compatible Key Telephone or PABX system to provide music to calls that are placed on hold. Incorporates a recessed potentiometer to adjust volume level. The Source cords are 600mm long. The length of the System cord is shown in the table below.

CAT #	SOURCE PLUG	SYSTEM PLUG	LENGTH
K2400	3.5mm Mono Phono	606 Telephone	1500mm
K2401	3.5mm Stereo Phono	606 Telephone	1500mm
K2402	3.5mm Mono Phono	3.5mm Mono Phono	600mm
K2403	3.5mm Stereo Phono	3.5mm Mono Phono	600mm
K2404	RCA Male	RCA Male	600mm
K2406	3.5mm Mono Phono	RCA Male	600mm
K2407	3.5mm Stereo Phono	RCA Male	600mm
K2409	3.5mm Stereo Phono	RJ11	600mm

Telephone Receivers and Transmitters



Genuine replacement transmitters and receivers to suit various Commander stations and older telephones. N series inserts also suit Nitsuko FP-1000 multi feature phones. AN/BN series inserts also suit Nitsuko FP-2000 multi feature telephones.

CAT #	SERIES	TX/RX	TYPE
Z3000	N	RX	R62
Z3100	N	TX	T62
Z3200	AN/BN	TX/RX	DH26
Z3102	Hytel	TX	Electret

Commander Hookswitch



Genuine Japanese made replacement microswitch for N, AN and BN series Commander stations. Also correct replacement hookswitches for Nitsuko FP-1000 and FP-2000 multi feature telephones.

CAT #
Z1400

Calling Line Identification Unit



Decodes caller ID information from up to 8 exchange lines. Lines are connected by RJ11 sockets. Data is output in ASCII format to a computer, printer or other serial device via an RS-232C DB-9 socket. Up to 12 units can be daisy-chained together to support a maximum of 96 exchange lines. Grey wall-mounted ABS housing. Dimensions 185(W) x 625(H) x 320(D)mm.

CAT #
H4048

Main/Alternative Changeover Switch



Used to isolate alternate equipment such as an answering machine from the main telephone/s or telephone system. All connections are screw terminals. Supplied complete with mounting block.

CAT #
P8639

ACCESS
COMMUNICATIONS
ONLINE

www.accesscomms.com.au

Professional 2-in-1 Modular Tool



Precision steel hand tool for the professional. Two individual dies allow accurate termination of 6 and 8 position modular plugs. Jaw design distributes equal pressure to all contacts simultaneously. Ratchet operation ensures excellent insulation penetration and cord strain relief.

CAT #	PLUG TYPES
T0017	6P/8P

Professional 3-in-1 Modular Tool



Precision steel hand tool for the professional. Three individual dies allow accurate termination of 4, 6 and 8 position modular plugs. 6 position die also has adjustment to accept MMP plugs. Separate model suits 10 position plugs. Jaw design distributes equal pressure to all contacts simultaneously. Ratchet operation ensures excellent insulation penetration and cord strain relief. Available as a kit which includes a T0019 tool, a plastic carry-case and a selection of modular plugs.

CAT #	PLUG TYPES	PACKING
T0019	4P/6P/6P-MMP/8P	Tool Only
T0019KIT	4P/6P/6P-MMP/8P	Kit
T0016	10P/6P/6P-MMP/8P/8P-AMP	Tool Only

Metal Modular Tools



These quality steel hand tools are ideal for in-field attachment of modular plugs. Excellent insulation penetration and strain relief is achieved. Cord cutting blade is incorporated. BT version also available to fit NZ/UK plugs with either left or right handed latch.

CAT #	PLUG TYPE
T0023	4P
T0022	6P
T0026	6P MMP
T0028	8P
T0029	10P
T0030	6P BT/NZ

Economy 3-in-1 Modular Tool



Three individual dies allow termination of 4, 6 and 8 position modular plugs. Handle incorporates cutter and stripper.

CAT #	PLUG TYPES
T0018	4P/6P/8P

Economy Modular Tools



Light-duty tools for terminating 4 and 6 position modular plugs. Suitable for occasional or hobbyist use. Built in blade accurately strips the PVC jacket of modular cord to the correct length.

CAT #	PLUG TYPE
T0021	4P4C
T0020	6P4C

Compression Connector Crimp Tool



new

This precision hand crimp tool employs a ratchet action ensuring correct crimping pressure is applied for reliable, trouble-free compression of our P0720 series water-proof BNC, RCA, PAL and F-type coaxial connectors. Adjustable compression depth. Threaded adaptors are supplied to suit F-type and female connectors.

CAT #
T0040

IDC Connection Tool with Sensor



Quality impact tool for reliable IDC connections to our P8710 disconnect modules or Krone type terminals. Blade performs simultaneous cut and terminate operations. Fitted with handy fold-out hook and screwdriver accessories. The sensor prevents angled termination and also helps with double jumpering by cutting the second wire before the first wire. Cutting function may be turned off. Used to terminate wires with a diameter of 0.4 - 0.9mm (20-27AWG) and insulation of 0.70 to 1.90mm. Not suitable for 110 type IDC terminals.

CAT #
T0059

IDC Impact Tool



Quality impact tool with adjustable tension for impact mechanism. Versions available for termination of 110 or Krone type IDC systems. Reversible blade allows terminate only or terminate/cut operations. Compartment in body for storage of spare or alternative type blades. Spare blades are also stocked.

CAT #	TYPE
T0050	Impact tool for Krone type terminals
T0055	Impact tool for 110 type terminals
T0051	Spare blade for Krone type terminals
T0056	Spare blade for 110 type terminals

Keystone Safety Impact Chassis



This safety chassis assists with safe and speedy termination of our Voice-Grade IDC Jacks, Cat-5E IDC Jacks, Cat-6 IDC Jacks, Cat-5 Keystone Jacks and Cat-6 Keystone Jacks when using either our standard IDC Impact Tool or our IDC connection tool with sensor.

CAT #
T0060

Hexagonal Ratchet Crimp Tools



These precision hand crimp tools employ a ratchet action ensuring correct crimping pressure is applied for reliable, trouble-free crimping of coaxial cable plugs. Tool T0038 suits our BNC RG59/U crimp plugs. Tool T0039 is compatible with both our BNC RG59/U crimp plugs and our F-type RG6/U connectors.

CAT #	DIE	SUITS CRIMPS	GRIP COLOR
T0038	G	P0702	Green
T0039	C2	P0702, P0712	Blue

DIE SIZES

DIE	SIZES (INCHES)
G	.043 .068 .100 .137 .213 .255
C2	.068 .262 .324 .350

Coaxial Cable Stripper



For stripping RG6/U, RG58/U and RG59/U coaxial cables. 3 blades ensure accurate stripping length of each cable section. Built-in hex screws for accurate depth-of-cut adjustment for each blade. Preset stripping length of 12mm (8mm + 4mm). Blades may be repositioned to give a 10mm (6mm + 4mm) stripped length.

CAT #
T0063

Gel Connector Crimp Tool



Custom made precision crimp tool for 100% reliable crimping of our gel-filled connectors or Scotchlock connectors.

CAT #
T0037

H1130 Crimp Tool



This quality metal crimp tool is designed for accurate termination of H1130 insulation piercing quick connect crimps that are used for connection of insulated line cord conductors to telephone plug types 603, 604, 605, 606 and 615. Also suitable for crimping our insulation displacement Y-terminals and other 14-28AWG insulated and non-insulated connectors and pins. A handle operated cord cutter is incorporated.

CAT #
T0035

Round Cable Stripper



Economy stripper tool. Specifically designed to strip the jacket from round cables without damaging the conductors. Ideal for Cat-5E or Cat-6 cable, security cable and telephone cable. Available with 110 IDC tool built into the tip.

CAT #	IDC TOOL
T0033	No
T0034	Yes

Cutter Stripper



Designed specifically for flat modular cord, this durable cutter/stripper has wide adjustable jaws for accurate and even stripping of PVC jacket. Separate cord cutting jaw is also incorporated.

CAT #
T0032

F-Set Tone Probe Kit



Tone generator and amplifier probe kit (F-set) for cable tracing and identification of premises wiring. Tone generator is fitted with alligator clips and modular plug. Has internal switch for modulated or unmodulated tone and external tone/continuity-test/off switch. Probe has built-in speaker, volume control and headset socket. Supplied in black velcro canvas pouch. 9V batteries for generator and probe are included.

CAT #
T0115

LAN Cable Tester



LAN cable tester with LCD to identify and display exact pin-to-pin wiring configuration. Remote included for near-end/far-end testing of installed network cables on site. Supplied in a black zippered vinyl pouch. Requires 9V battery (not included).

CAT #
T0045

Technician's Test Telephone



new

Test Telephone with 2-way hands-free speaker, adjustable volume switch, line polarity check and monitor/talk switch. Tone or pulse dialing with last number redial and 12 memories. Robust ABS housing with belt clip and durable coiled cord. Measures 260(L) x 70(W) x 89(H)mm. Weight 560g.

CAT #
T0111

Reference

External Telephone Color Code

Pair	Line +	Line -	Binder-tape colors:
1	White	Blue	Pairs 1-10 - Blue binder
2	White	Orange	Pairs 11-20 - Orange binder
3	White	Green	Pairs 21-30 - Green binder
4	White	Brown	Pairs 31-40 - Brown binder
5	White	Slate	Pairs 41-50 - Slate binder
6	Red	Blue	Pairs 51-60 - Blue/White binder
7	Red	Orange	Pairs 61-70 - Blue/Orange binder
8	Red	Green	Pairs 71-80 - Blue/Green binder
9	Red	Brown	Pairs 81-90 - Blue/Brown binder
10	Red	Slate	Pairs 91-100 - Blue/Slate binder

Internal Cabling Color Coding and Pair Assignment

	Pair	Line +	Line -
Flat Modular Cordage	1	Green	Red
	2	Black	Yellow
	3	White	Blue
6P6C RJ12 Pin	1	3	4
	2	5	2
	3	1	6
Cat-5E & Cat-6 Color Code	1	White/Blue	Blue
	2	White/Orange	Orange
	3	White/Green	Green
	4	White/Brown	Brown
8P8C RJ45 PIN	1	5	4
	2	3	6
	3	1	2
	4	7	8

Internal Telephone Cable Color Code

Pair numbering commences at outer layer

Pair	Line +	Line -
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Slate
6	White	Blue/White
7	White	Blue/Orange
8	White	Blue/Green
9	White	Blue/Brown
10	White	Blue/Slate
11	White	Orange/White
12	White	Orange/Green
13	White	Orange/Brown
14	White	Orange/Slate
15	White	Green/White
16	White	Green/Brown
17	White	Green/Slate
18	White	Brown/White
19	White	Brown/Slate
20	White	Slate/White
21-40	Yellow	Repeat Sequence
41-60	Black	Repeat Sequence
61-80	Violet	Repeat Sequence
81-100	Red	Repeat Sequence

Telstra Facility Cable Color Coding

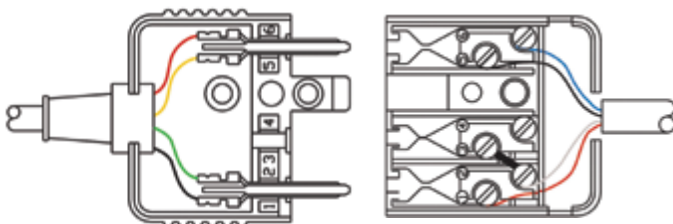
Pair	Tip (L+)	Ring (L-)
1	White	Blue
2	Red	Black
3	Orange	Green

Category-5E Color Sequence

Category-5E cabling utilises a standard conductor color coding system. Each pair of conductors consists of a white conductor and a colored conductor. Each white conductor is usually marked with a colored stripe or band to prevent incorrect pairing.

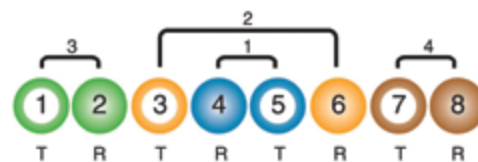
Pair	Color
1	White/Blue
2	White/Orange
3	White/Green
4	White/Brown

605 Plug / 610 Socket Color Sequence



Two different pair sequences are used for terminating pairs in a Category 5 or 5E cabling system. Each pair consists of 2 conductors known as the Tip and Ring. The tip (or L+) conductor is always white and the ring (L-) conductor is colored. Each pair of conductors is assigned a pair of pins in the modular jack according to one of the following standard sequences. The preferred pair assignment for use in Australia is identified as T568A, although T568B is also used.

T568A (Preferred Australian System)



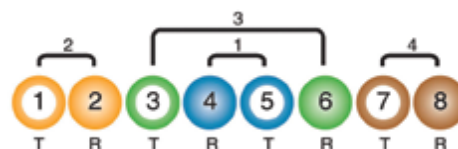
Telephone Line Test Numbers

All test numbers for Telstra begin with 12722. All test numbers for Optus begin with 12723. There are a few test numbers used by both carriers.

Common Test Numbers

Test Number	Service
12711	Long distance carrier pre-selection confirmation
1800 80 1920	Own number RVA

T568B (AT&T)



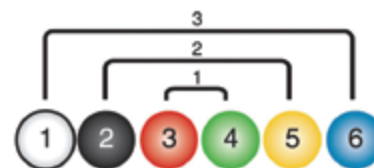
Telstra Test Numbers

Test Number	Service
12722 0	CND send status
12722 123	Own number RVA
12722 199	Ringback
12722 40008	Network test message

Optus Test Numbers

Test Number	Service
12723 12	Own number RVA
12723 22	1Khz tone
12723 99	Ringback

Flat Voice Cord Color Sequence (USOC)

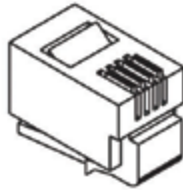


Modular Plug/Jack Types

There are several modular jack sizes and variations.

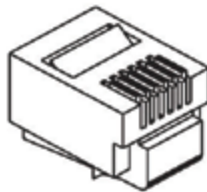
4 Position

The 4 position (4P4C) is narrower than the 6 position modular plug and usually only used on coiled telephone handset cords although occasionally used for other applications.



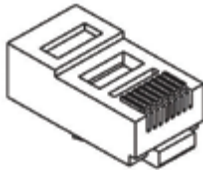
6 Position

The 6 position modular plug is most commonly used for line cords in voice applications and is often referred to as RJ11 or RJ12. The 6 position poly-carbonate body can be loaded with only the centre 2 or 4 gold contacts or can be fully loaded with all 6 contacts. For basic 2 wire voice applications, the centre 2 contacts are used and the plug should be correctly described as 6P2C (6 position, 2 contact). Where 4 wires are required for Key Telephone Stations or two lines etc., the centre 4 contacts are used and the plug should be correctly described as 6P4C. In applications which require 6 wires all contacts are loaded and the plug is called 6P6C.



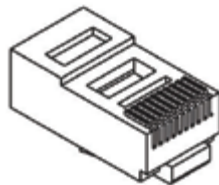
8 Position

The 8 position modular plug is now becoming the standard for data and voice applications. This jack is usually referred to as RJ45. The plug body is usually supplied with all 8 gold contacts loaded is should be correctly referred to as 8P8C. For basic voice line cords the plug may be loaded with only the centre 2 or 4 gold contacts and referred to as either an 8P2C or 8P4C. For data applications, several color coding sequences are used for the conductor pairs. In Australia, the most widely used system is known as T568A.



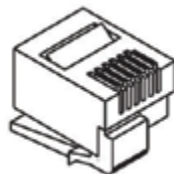
10 position

The 10 position (10P10C) modular plug is has same width body as the 8 position but has an extra contact added on each side.



MMP

The MMP - Modified Modular Plug is a proprietary variation of the 6 position plug which was developed by Digital Equipment Corporation (DEC). The MMP plug has the latch shifted from the centre to one side to avoid the possibility of interchanging DEC data wiring and a normal telephone line plug. MMP is also referred to as DEC-Connect or MMJ. An 8 position keyed modular plug is also available but is not commonly used in Australia.



NOTE

We recommend adoption of 8P8C, 6P4C terminology when describing modular plugs and jacks. This is a definite way to avoid confusion between similar plugs.

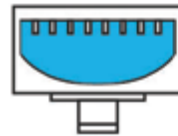
The codes RJ11, RJ12, RJ45 and other RJ (Registered Jack) numbers actually specify various wiring configurations used in the USA, not actual Plug or Jack types.

Modular Plug Variations

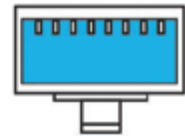
Round or Flat Cord Entry

2 variations of modular plug exist to accommodate either Flat or Round cord. The lower face of the cord entry on the rear of the plug body can be either Flat or Round.

The round type should always be used when terminating Category 5 or other Round cords to ensure that the jacket and conductors are not crushed during termination. Flat cord plugs must be used to ensure adequate cord strain relief of flat cord.



Round

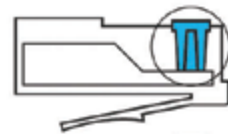


Flat

Contacts for Solid or Stranded Conductors

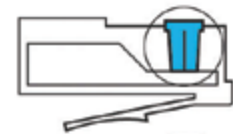
The IDC (Insulation Displacement Contact) section of the Gold contacts can be designed for either Solid conductors or Stranded conductors. Plugs for solid wires have a 3 pronged contact which forks over the Solid conductor whilst the contacts for stranded conductors have 2 spikes which penetrate between the strands. Failure to use to correct contact type will result in unreliable terminations.

Solid Conductor Contact



Solid

Stranded Conductor Contact



Stranded

Modular Plug Termination Recommendations

- Always use a modular plug with the correct contacts for stranded conductors or solid conductors.
- Do not terminate flat cord plugs onto round cord & vice versa.
- Avoid plugging 6 position plugs into 8 position sockets where possible.
- Use quality tools for crimping modular plugs.
- Avoid RJ11, RJ45 Terminology to avoid confusion.
- Ensure plugs with suitable grade of gold plating are used.
- Avoid excessive bending or squashing of data cable jackets.
- Use plug boots to provide extra strain relief.

Modular Plug Gold Plating

The contacts used in modular plugs are gold plated and the gold plating thickness affects the electrical characteristics of the contact and its resistance to corrosion. The thickness of the Gold Plating is usually measured in μ " (Microinches) or sometimes in microns.

Thickness of Contact Gold Plating

Microinch	Microns	Comments
6 μ "	0.15 μ m	Not recommended. Sometimes used on poor quality or unapproved telephones.
15 μ "	0.38 μ m	The minimum quality for satisfactory voice connections. Unsuitable for data.
30 μ "	0.76 μ m	Satisfactory for voice connections and low speed data only.
50 μ "	1.27 μ m	Provide reliable voice & data connection (when terminated correctly).

Straight-thru and Cross-over Cords

Modular Cords

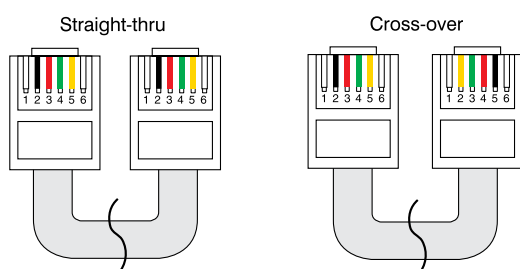
Flat modular cords can be wired in either straight-thru or cross-over configuration. Cross-over wiring is most commonly used for connection of equipment such as telephones, modems, faxes and terminals to a modular wall outlet. However, voice applications will usually tolerate either configuration. Data equipment may use either straight-thru or cross-over depending on the equipment's specifications. Accessories such as couplers and double adaptors are available in straight-thru or cross-over models.

Flat Modular Cord Wiring Configurations

Straight-thru Polarity		Cross-over Polarity	
End A	End B	End A	End B
Pin 1	Pin 1	Pin 1	Pin 8
Pin 2	Pin 2	Pin 2	Pin 7
Pin 3	Pin 3	Pin 3	Pin 6
Pin 4	Pin 4	Pin 4	Pin 5
Pin 5	Pin 5	Pin 5	Pin 4
Pin 6	Pin 6	Pin 6	Pin 3
Pin 7	Pin 7	Pin 7	Pin 2
Pin 8	Pin 8	Pin 8	Pin 1

Checking Flat Modular Cord Wiring Polarity.

Hold both ends of the modular cord with the plugs alongside each other. Ensure that the gold contacts of both plugs are facing you and the cord from each plug is leading down. The gold contacts are numbered from left to right with the plugs in this orientation. Compare the color sequence from left to right. If the colors appear in the same sequence on both plugs, the cord is wired straight-thru. If the color sequence is reversed on the second plug, the cord is wired cross-over.



Patch Cords

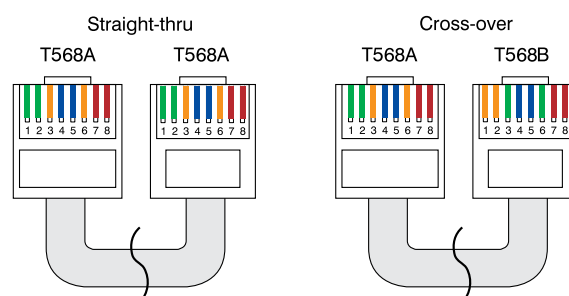
The majority of patch cords used for connections between jacks on a patch panel or from a PC or terminal to a wall outlet are wired straight-thru in T568A to T568A configuration. Cross-over cords are used to daisy-chain switches/hubs or for direct connection of 2 computer network interface cards. Cross-over cord wiring is T568A to T568B with the wiring of the green and orange pairs being transposed.

Category 5E & 6 Modular Cord Wiring Configurations

Straight-thru Polarity		Cross-over Polarity	
End A	End B	End A	End B
Pin 1	Pin 1	Pin 1	Pin 3
Pin 2	Pin 2	Pin 2	Pin 6
Pin 3	Pin 3	Pin 3	Pin 1
Pin 4	Pin 4	Pin 4	Pin 4
Pin 5	Pin 5	Pin 5	Pin 5
Pin 6	Pin 6	Pin 6	Pin 2
Pin 7	Pin 7	Pin 7	Pin 7
Pin 8	Pin 8	Pin 8	Pin 8

Checking Category 5E & 6 Modular Cord Wiring Polarity

Hold both ends of the modular cord with the plugs alongside each other. Ensure that the gold contacts of both plugs are facing you and the cord from each plug is leading down. The gold contacts are numbered from left to right with the plugs in this orientation. Compare the color sequence from left to right. If the colors appear in the same sequence on both plugs, the cord is wired straight-thru. If the color sequence of the green and orange pairs is transposed on the second plug, the cord is wired cross-over.



Cable Categories

Category	Frequency	Max Data Speed	Use
1&2	< 1MHz	56Kbps	Voice & low speed data only
3	16MHz	10Mbps	Voice & low speed LAN (10-Base-T, 4 Mbps Token Ring)
4	20MHz	16Mbps	Voice & moderate speed LAN
5	100MHz	100Mbps	Voice & high speed LAN
5e	125MHz	1000Mbps	Voice & high speed LAN
6	250MHz	>1000Mbps	Gigabit LAN
7	600MHz	>1000Mbps	Future applications

Australian Mains Plug Variations – AS/NZS3112

	10A 2 Pins	10A 3 Pins	10A 3 Pins (Round Earth)	15A 3 Pins	20A 3 Pins
Plug End Pinout					
Description	Standard 10A mains plug for double insulated appliances	Standard 10A mains plug	10A mains plug with round earth pin	Standard 15A mains plug	Standard 20A mains plug
Socket Compatibility					
10Amp Flat Earth	■	■			
10Amp Round Earth	■		■		
15Amp Flat Earth	■	■		■	
20Amp Flat Earth	■	■		■	■
Applications	Double insulated domestic appliances and equipment.	Earthed domestic appliances and equipment.	Special purpose outlets such as control circuits, lighting and exhaust fans etc.	Caravans, air conditioning, light industrial appliances and equipment.	Plug-in stoves air conditioning and light industrial appliances and equipment.
Active & Neutral Pins					
6.35mm x 1.63mm	■	■	■	■	
9.08mm x 1.63mm					■
Earth Pin					
6.35mm x 1.63mm	NA	■			
9.08mm x 1.63mm	NA			■	■
4.75mm diameter	N/A		■		

IEC-320 Appliance Connectors

Connector Type	Connector	Inlet	Max. temp.	Rated Current (Amps)
	C1	C2	70 °C	0.2A
	C3	C4	70 °C	2.5A
	C5	C6	70 °C	2.5A
	C7	C8	70 °C	2.5A
	C9	C10	70 °C	6.0A
	C11	C12	70 °C	10.0A
	C13	C14	70 °C	10.0A
	C15	C16	120 °C	10.0A
	C15A	C16A	155 °C	10.0A
	C17	C18	70 °C	16.0A
	C19	C20	70 °C	16.0A
	C21	C22	155 °C	16.0A
	C23	C24	70 °C	16.0A

Power Supply Units Abbreviations and Symbols

The rating plate of an Extra Low Voltage Power Supply Unit. (ELVPSU) shows various symbols and abbreviations representing ratings, class, insulation, polarity and other electrical safety and EMC compliance details.

Abbreviations

The following abbreviations used in conjunction with a numeric value, are used to define nominated electrical characteristics of a power supply unit.

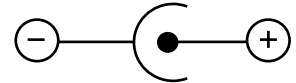
V	volts	Hz	hertz
A	amperes	PRI	input
mA	miliamperes	SEC	output
VA	volt amperes	DC	direct current
VAC	volts AC	AC	alternating current
W	watts	~	single phase (AC)

DC Adaptor Polarity Symbols

The polarity symbol on the rating plate of an AC to DC power supply indicates if the centre (or tip) of the output plug is positive (+) or negative (-). It is important to use a power supply having the correct polarity for the host device. Reverse polarity may result in malfunctioning or damaged equipment.

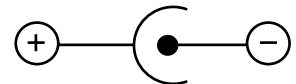
Centre Positive.

Indicates that the centre (tip) of the output plug is Positive (+) and the barrel of the output plug is Negative (-).



Centre Negative.

Indicates that the centre (tip) of the output plug is Negative (-) and the barrel of the output plug is Positive (+).



Other Symbols

These symbols are used to define the type of construction and safety and/or fail-safe characteristics of a power supply unit.

Direct current	Protective earth	Class II construction
Isolating transformer	Safety isolating transformer	Fail-safe transformer
Fuse-link	Frame or core terminal	
	Non-short-circuit transformer. Has an associated external protective device.	
	Short-circuit-proof transformer. There are two types. An inherent type is short-circuit proof provided that the temperature rise does not exceed the specified limit. A non-inherent type is equipped with an external protective device.	
	Fail-safe transformer. The non-short-circuit-proof transformer symbol or the short-circuit-proof transformer symbol can be combined with either an isolating transformer symbol or with a safety isolating transformer symbol to produce a composite symbol. In this example, the short-circuit-proof symbol is used in conjunction with the safety isolating transformer symbol.	

Approvals, Permits and Compliance

ACA / Austel Compliance

The Australian Telecommunications Authority (Austel) were responsible for issuing cabling licences, equipment permits and monitoring the conduct of licence and permit holders for all equipment and components connected to the Australian telephone network. The Spectrum Management Agency (SMA) was the Australian Commonwealth statutory agency responsible for the management of radio-communications in Australia. On 1 July 1997, AUSTEL and SMA merged to form the Australian Communications Authority (ACA). The ACA is now responsible for technical regulation, consumer issues and licensing of telecommunications and radio-communications in Australia.

A-Tick

The A-tick and ACA supplier code indicates compliance with Australian telecommunications requirements and that the equipment can be legally connected to the Australian telecommunications network. Our ACA supplier code is N692.



C-Tick

C-Tick markings may also appear on products which are required to comply with Australian electromagnetic compatibility requirements and radio-communications standards and indicates that the product may be legally sold in Australia. Our ACA supplier code is N692



Since 31 December 1998, all equipment which requires EMC compliance must be marked with the C-tick and ACA supplier code number. The supplier is responsible for holding a compliance folder which contains compliant test reports and a declaration of conformity.

A-Cross

If an item covered by the Telecommunications Labelling Notice does not comply with the applicable standard(s) and it is not a permitted item, it is regarded as non-compliant.

All non-compliant items must be labelled with the A-Cross non-compliance symbol and the non-compliance notice shown below.

CAUTION

DO NOT USE BEFORE READING THE INSTRUCTIONS
Do not connect this customer equipment or customer cabling to a carrier or carriage service provider's telecommunications network or facility unless:
(a) you have the written consent of the network or facility manager; or
(b) the connection is in accordance with a connection permit or connection rules.
Connection of this customer equipment or customer cabling may cause a hazard or damage to the telecommunications network or facility, or persons, with consequential liability for substantial compensation.



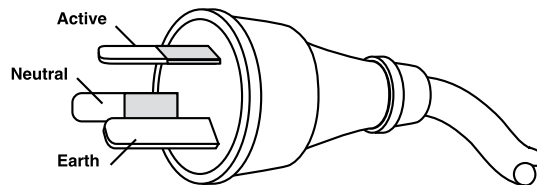
Electrical Safety Compliance & RCM

Power cords and AC adaptors for use in Australia must be tested for compliance with state electrical safety authority regulations. The New South Wales state government department responsible for electrical safety is the Department of Fair Trading (DOFT). Most other states also have a department responsible for issuing Electrical Safety Certificates. A safety certificate issued in any state is recognised Australia wide. The product must be marked with a valid Electrical Safety Certificate Number e.g. N13816 or a RCM number issued by Standards Australia (SAA) e.g. N5071. C-Tick markings may also appear on an AC adaptor and show compliance with EMC standards. The RCM (Regulatory Compliance Mark) may be used as an alternative to show compliance with Electrical Safety and EMC standards. Our RCM (SAA) number is N5071.



3-pin Australian Mains Plug

Use	Marking	Flex Conductor Colors	Building Wire Conductor Colors
Active	A	Brown	Red
Neutral	N	Blue	Black
Earth	E	Green/Yellow	Green/Yellow



Power Calculation

The following formula is used to calculate wattage (or VA). This formula is useful to determine if a required voltage and current combination will exceed the maximum capacity of a particular AC Adaptor's case.

$$\text{Volts} \times \text{Amps} = \text{Watts (VA)}$$

Tip and Ring

The names for the two wires of a telephone line were derived from the electrical contacts on the original 1/4 inch telephone plug. These plugs are similar in appearance to the 6.5mm diameter stereo phono plugs that are sometimes still used for stereo headsets. One electrical contact is at the tip of the plug (used for Line +) and the other is a ring just above it (used for Line -). There is also a third contact referred to as the sleeve.



DTMF - Dual Tone Multi Frequency

DTMF is the signalling method used for dialling by most modern telephones. A pair of frequencies is assigned to each of 12 dial buttons on the telephone. An additional column of DTMF tones (A, B, C & D) is also specified but is seldom used now. DTMF signalling is also sometimes referred to as Tone Dialling, VF Signalling, MF Dialling or Touch Tone. The "#" symbol is also known by many different names including Crosshatch, Hatch, Pound and Octothorpe.

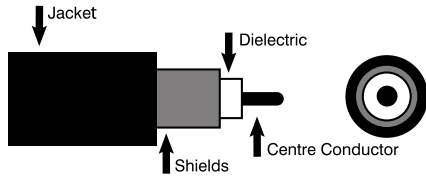
DTMF Frequency Matrix

		High Group Frequencies			
		1209 Hz	1336 Hz	1477 Hz	1633 Hz
Low Group Frequencies	697 Hz	1	2	3	A
	770 Hz	4	5	6	B
	852 Hz	7	8	9	C
	941 Hz	*	0	#	D

Coaxial Cable

Coaxial cable (or "coax") is the most common cable used for transmitting video signals. The name "coaxial" refers to the common axis of the two conductors.

Construction



A coaxial cable has a solid copper or copper-clad-steel centre conductor surrounded by a non-conductive dielectric insulating material. The dielectric is surrounded by foil shield/s and/or copper braid/s which form the outer conductor and also shield against electromagnetic interference (EMI). The outer conductor/shield is encased in a PVC jacket.

Most coaxial cables for video applications have a nominal impedance of 75 ohms. Their differing electrical and physical characteristics make it important to select the correct type of cable to suit the application.

Types of coaxial cables

The three most commonly used coaxial cable types for video applications are RG59/U, RG6/U and RG11/U. The "RG" number originated from the "registration number" allocated by the US military to each type of cable. The "U" indicates that the dielectric is unbonded to the centre conductor.

RG59/U is available with either solid copper or copper-clad-steel centre conductor. It's suitable for basic analog TV antenna feeds in residential applications and for basic CCTV systems over short cable runs. The copper-clad-steel type has high tensile strength and should be used when terminating the cable with F-Type connectors.

RG6/U Dual-shield Used for security systems, for analog TV antenna cabling and for CCTV. It features a copper-clad-steel inner conductor. Tri-shield and quad-shield versions of RG6/U provide additional EMI shielding for digital applications.

RG6/U Quad-shield is the minimum requirement under the latest Australian Standard for digital TV antenna cabling and for all TV antenna cabling for apartments/units (MATV). It is also used for the distribution of Cable TV (CATV) and Satellite TV (SATV) in residential or commercial premises. It features a copper-clad-steel inner conductor. Dual-shield and tri-shield versions of RG6/U do not provide adequate EMI shielding for these applications.

RG11/U Quad-shield is used for the same applications as RG6/U for either backbone cabling or for long distribution runs. It features a copper-clad-steel inner conductor.



Coaxial Connectors

BNC connectors are bayonet type connectors, commonly used in CCTV systems. They are the most suitable connector for use with RG59/U cable.

F-Type connectors are used for CATV, SATV and Digital TV in conjunction with either RG6/U or RG11/U cables. The copper-clad-steel inner conductor of the cable forms the inner "pin" of the connector. Although "twist-on" type connectors are available, they do not produce a reliable connection in comparison to a crimp-type connector that has been terminated with a good-quality ratchet crimping tool.

PAL (Belling Lee) connectors are a push-on connector that has been traditionally used for TV antenna wall plates and connections. With the exception of TV/VCR hook-ups, PAL connectors are being replaced by F-Type connectors as required for CATV, SATV and DTV.

Adaptors. Where BNC connectors are required with RG6/U coaxial cable, it is recommended that an F-Type plug be crimped to the RG6/U and an F-Type to BNC adaptor used.



I.P. Rating

A three-digit number (as specified in Australian Standards AS1939 and EN60529) is used to provide an IP Rating to a piece of electronic equipment or to an enclosure for electronic equipment.

The three digits represent three different forms of environmental influence:

The **first digit** represents protection against ingress of solid objects.

The **second digit** represents protection against ingress of liquids.

The **third digit** represents protection against mechanical impact damage.

The third digit is often omitted, resulting in a 2-digit IP Rating covering ingress against solid objects and liquids only. As an example, our Gel Connectors are rated at IP67 (totally protected against dust ingress and withstands immersion up to a depth of 1 metre).

The larger the value of each digit, the greater the protection from the corresponding environmental influence. As an example, a product rated as IP573 would be better protected against environmental factors than another similar product that was only rated as IP432.

First Digit - Protection against ingress of solids

Value	Protection Offered
0	No protection
1	Protected against solid objects over 50mm e.g. hands, large tools.
2	Protected against solid objects over 12mm e.g. hands, large tools.
3	Protected against solid objects over 2.5mm. (wire, small tools etc).
4	Protected against solid objects over 1.0mm e.g. wires.
5	Limited protection against dust ingress (no harmful deposit)
6	Totally protected against dust ingress.

Second Digit - Protection against ingress of liquids

Value	Protection Offered
0	No protection
1	Protected against vertically falling drops of water.
2	Protected against direct sprays of water up to 15° from vertical.
3	Protected against direct sprays of water up to 60° from vertical.
4	Protected against water sprayed from any direction. Limited ingress permitted.
5	Protected against low pressure water jets from any direction. Limited ingress permitted.
6	Protected against high pressure water jets from any direction. Limited ingress permitted.
7	Protected against immersion between 15cm and 1Metre.
8	Protected against long periods of immersion under pressure.

Third Digit - Protection against mechanical impact damage

Value	Protection Offered
0	No protection
1	Protected against 0.225 joule impact (150g @ 15cm).
2	Protected against 0.375 joule impact (250g @ 15cm).
3	Protected against 0.5 joule impact (250g @ 20cm).
4	
5	Protected against 2.0 joule impact (500g @ 40cm).
6	
7	Protected against 6.0 joule impact (1.5Kg @ 40cm).
8	
9	Protected against 20 joule impact (5Kg @ 40cm).

Terms and Conditions

Catalog Numbers

All items in this catalog have a computer catalog number. Please use this catalog number when ordering to ensure accurate processing and fast dispatch of your order.

Price Lists

Prices are not listed in this catalog. Please contact us if a price list is required. Discounts are available on most products for carton quantities.

Warranties and Repairs

Unless otherwise stated, warranty period is 12 months from invoice date. Please retain invoices as proof of purchase. If service is required within the warranty period, return item to our service division with a copy of the invoice. Warranty does not cover any damage caused by corrosion, liquid spillage, power surges, lightning, leaking batteries, or any deliberate or accidental abuse.

Distributors should check products to confirm problems are not due to operator error. Our minimum service fee will apply to any items found to have no fault.

Returns and Credits

Items returned will not be credited without prior arrangement. To cover restocking overheads, a 10% fee applies.

Damaged Goods

All claims for damaged goods must be reported immediately. Do not open a package if you suspect contents may be damaged. Contact our sales department for advice.

Backorders

Product temporarily out of stock will be automatically placed on backorder and shipped when available. If lead times become excessive or product discontinued, we may offer substitute products of equivalent or higher value. Where substitutes are available at lower prices, we will pass the savings on to you. We reserve the right to vary prices and specifications without notice.

Lightning Damage

Many products such as AC adaptors are vulnerable to severe damage in the event of power surges or lightning strikes. Damaging surges (or 'spikes') can come through either the telephone line, or AC mains cord/adaptor. The damage caused is not covered by warranty and is often extensive and costly to repair. We recommend disconnection from telephone line and/or 240V AC mains supply during electrical storms, whenever possible.

Freight

Goods are usually dispatched by overnight road transport. The cost of freight will be added to your invoices. Inward freight must always be paid by your sender. Items repaired under warranty will be returned with freight paid. Under no circumstances will our receiving docks accept consignments if freight cost is charged to receiver. Any such items will be returned to the sender. Overseas orders less than 20kg are usually dispatched by FedEx, unless arranged otherwise.

Liability

The way in which our products are used is completely beyond our control. Therefore we cannot be held responsible for damage or destruction, consequential or otherwise, of equipment or articles associated with or used in conjunction with our products. Our liability is limited to repair, replacement, or credit (at our option) of purchased product.

Payment Terms and Conditions

Our standard payment terms are payment with order. For your convenience, funds may be direct deposited into our bank account. We also accept most major credit cards. Please remember to add GST and freight costs when posting payment. Credit is only available where prior arrangements exist. Title to goods does not pass to buyer until full payment has been received by Access Communications Pty Ltd.

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