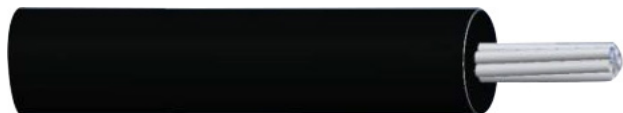


**RoHS
Compliant**



Description

Stranded TACW, Single Core, PVC Insulation.

Application

For inside telephone and telegraph exchanges and for the internal wiring of electronic and other equipment.

Applicable Standard

- Defence Standard 61-12 Part 6 Type 2
- BS 4808 Part 2 Class 2

Construction

Conductor

Material : Tinned Annealed Copper Wire
Construction : Solid or Stranded

Insulation

Material : Hard PVC

Physical Properties

Min. Bend Radius : $10 \times \text{O.D mm}$
Operating Temperature : $-15^{\circ}\text{C to }+85^{\circ}\text{C}$

Electrical Properties

Max. Working Voltage	1000V AC (rms)
Min. Insulation Resistance @ $20 \pm 5^{\circ}\text{C}$	50M Ω .km
Spark test	4000V AC
Voltage test	1.5kV AC

Type and/or Class Number	Conductor Composition (No. of Wires/ Nominal Wire Diameter (mm))	Insulation Material	Radial Thickness of Insulation (mm)	Nominal Diameter (mm)	Max. Conductor Resistance @ 20°C (Ω/km)
Type 2 (Class 2 to BS 4808)	1/0.6	Hard PVC	0.3	1.2	64.1
	7/0.2			1.25	88
	16/0.2			1.55	38.2
	24/0.2		0.45	2.05	25.5

Part Number Table

Description	Cross Sectional Area (mm ²)	O.D Tolerance (mm)	Colour	Length	Part Number
Equipment Wire 1/0.6mm	0.28	1.2 +/-0.1	Pink	100m	MCP00003
Equipment Wire 1/0.6mm	0.28	1.2 +/-0.1	White	100m	MCP00004
Equipment Wire 1/0.6mm	0.28	1.2 +/-0.1	Grey	100m	MCP00005
Equipment Wire 1/0.6mm	0.28	1.2 +/-0.1	Violet	100m	MCP00006
Equipment Wire 1/0.6mm	0.28	1.2 +/-0.1	Blue	100m	MCP00007
Equipment Wire 1/0.6mm	0.28	1.2 +/-0.1	Green	100m	MCP00008
Equipment Wire 1/0.6mm	0.28	1.2 +/-0.1	Yellow	100m	MCP00009
Equipment Wire 1/0.6mm	0.28	1.2 +/-0.1	Orange	100m	MCP00010
Equipment Wire 1/0.6mm	0.28	1.2 +/-0.1	Red	100m	MCP00011
Equipment Wire 1/0.6mm	0.28	1.2 +/-0.1	Brown	100m	MCP00012
Equipment Wire 1/0.6mm	0.28	1.2 +/-0.1	Black	100m	MCP00013
Equipment Wire 7/0.2mm	0.22	1.2 +/-0.1	Black	100m	MCP00024
Equipment Wire 7/0.2mm	0.22	1.2 +/-0.1	Brown	100m	MCP00023
Equipment Wire 7/0.2mm	0.22	1.2 +/-0.1	Red	100m	MCP00022
Equipment Wire 7/0.2mm	0.22	1.2 +/-0.1	Orange	100m	MCP00021
Equipment Wire 7/0.2mm	0.22	1.2 +/-0.1	Yellow	100m	MCP00020
Equipment Wire 7/0.2mm	0.22	1.2 +/-0.1	Green	100m	MCP00019
Equipment Wire 7/0.2mm	0.22	1.2 +/-0.1	Blue	100m	MCP00018
Equipment Wire 7/0.2mm	0.22	1.2 +/-0.1	Violet	100m	MCP00017
Equipment Wire 7/0.2mm	0.22	1.2 +/-0.1	Grey	100m	MCP00016
Equipment Wire 7/0.2mm	0.22	1.2 +/-0.1	White	100m	MCP00015
Equipment Wire 7/0.2mm	0.22	1.2 +/-0.1	Pink	100m	MCP00014
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Black	500m	MP005327
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Brown	500m	MP005328
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Red	500m	MP005329

Description	Cross Sectional Area (mm ²)	O.D Tolerance (mm)	Colour	Length	Part Number
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Orange	500m	MP005330
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Yellow	500m	MP005331
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Green	500m	MP005332
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Blue	500m	MP005333
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Violet	500m	MP005334
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Grey	500m	MP005335
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	White	500m	MP005336
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Pink	500m	MP005337
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Red/Black	100m	MP005338
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Red/Brown	100m	MP005339
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Red/Green	100m	MP005340
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Red/Blue	100m	MP005341
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Orange/Black	100m	MP005342
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Orange/Red	100m	MP005343
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Yellow/Black	100m	MP005344
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Yellow/Red	100m	MP005345
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Yellow/Green	100m	MP005346
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Green/Red	100m	MP005347
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Violet/Red	100m	MP005348
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Grey/Black	100m	MP005349
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Grey/Blue	100m	MP005350
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	White/Black	100m	MP005351
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	White/Red	100m	MP005352
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Pink/Black	100m	MP005353
Equipment Wire, 7/0.2mm	0.22	1.2 +/-0.1	Green/Yellow	100m	MP005354
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Black	100m	MP005355
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Brown	100m	MP005356
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Red	100m	MP005357
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Orange	100m	MP005358
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Yellow	100m	MP005359
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Green	100m	MP005360
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Blue	100m	MP005361
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Violet	100m	MP005362
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Grey	100m	MP005363
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	White	100m	MP005364
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Pink	100m	MP005365

Equipment Wire
Defence Standard 61-12 Part 6 and BS 4808 Part 2

Description	Cross Sectional Area (mm ²)	O.D Tolerance (mm)	Colour	Length	Part Number
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Black	500m	MP005366
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Brown	500m	MP005367
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Red	500m	MP005368
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Orange	500m	MP005369
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Yellow	500m	MP005370
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Green	500m	MP005371
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Blue	500m	MP005372
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Violet	500m	MP005373
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Grey	500m	MP005374
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	White	500m	MP005375
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Pink	500m	MP005376
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Red/Black	100m	MP005377
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Red/Brown	100m	MP005378
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Red/Green	100m	MP005379
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Red/Blue	100m	MP005380
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Orange/Black	100m	MP005381
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Orange/Red	100m	MP005382
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Yellow/Black	100m	MP005383
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Yellow/Red	100m	MP005384
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Yellow/Green	100m	MP005385
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Green/Red	100m	MP005386
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Violet/Red	100m	MP005387
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Grey/Black	100m	MP005388
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Green/Blue	100m	MP005389
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	White/Black	100m	MP005390
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	White/Red	100m	MP005391
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Pink/Black	100m	MP005392
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Green/Yellow	100m	MP005393
Equipment Wire, 16/0.2mm	0.5	1.55 +/-0.1	Green/Yellow	500m	MP005394
Equipment Wire, 24/0.2mm	0.75	2.05 +/-0.1	Black	100m	MP005407
Equipment Wire, 24/0.2mm	0.75	2.05 +/-0.1	Brown	100m	MP005408
Equipment Wire, 24/0.2mm	0.75	2.05 +/-0.1	Red	100m	MP005409
Equipment Wire, 24/0.2mm	0.75	2.05 +/-0.1	Orange	100m	MP005410
Equipment Wire, 24/0.2mm	0.75	2.05 +/-0.1	Yellow	100m	MP005411
Equipment Wire, 24/0.2mm	0.75	2.05 +/-0.1	Green	100m	MP005412
Equipment Wire, 24/0.2mm	0.75	2.05 +/-0.1	Blue	100m	MP005413

Description	Cross Sectional Area (mm ²)	O.D Tolerance (mm)	Colour	Length	Part Number
Equipment Wire, 24/0.2mm	0.75	2.05+/-0.1	Violet	100m	MP005414
Equipment Wire, 24/0.2mm	0.75	2.05+/-0.1	Grey	100m	MP005415
Equipment Wire, 24/0.2mm	0.75	2.05+/-0.1	White	100m	MP005416
Equipment Wire, 24/0.2mm	0.75	2.05+/-0.1	Pink	100m	MP005417
Equipment Wire, 24/0.2mm	0.75	2.05+/-0.1	Green/Yellow	100m	MP005418
Equipment Wire, 24/0.2mm	0.75	2.05+/-0.1	Yellow/Green	100m	MP005419
Equipment Wire, 24/0.2mm	0.75	2.05+/-0.1	Black	500m	MP005420
Equipment Wire, 24/0.2mm	0.75	2.05+/-0.1	Red	500m	MP005421
Equipment Wire, 24/0.2mm	0.75	2.05+/-0.1	White	500m	MP005422

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.