



Conductor
Insulation

PTFE INSULATED EQUIPMENT WIRE TO BS 3G 210 UNSCREENED TYPE A, NA, B, NB, C and NC

BS 3G 210 Type A AND NA							
AWG	Conductor Formation	Nominal Conductor Diameter mm	Calculated Area mm ²	Resistance @ 20°C Ω/km		Cable Diameter mm	
				A	NA	Min	Max
30	1/0.250	0.250	0.0491	377.0	387.0	0.45	0.60
28	1/0.320	0.320	0.0804	229.0	234.0	0.52	0.67
26	1/0.400	0.400	0.1257	146.0	148.0	0.60	0.75
32	7/0.080	0.240	0.0352	558.0	605.0	0.44	0.59
30	7/0.100	0.300	0.0550	353.0	377.0	0.50	0.65
28	7/0.120	0.360	0.0792	244.0	258.0	0.56	0.71
26	7/0.150	0.450	0.1237	159.0	166.0	0.65	0.80
24	7/0.200	0.600	0.2199	88.3	91.2	0.80	0.95
26	19/0.100	0.500	0.1492	130.0	139.0	0.70	0.85
24	19/0.120	0.600	0.2149	89.8	94.9	0.80	0.95
22	19/0.150	0.750	0.3358	58.6	61.3	0.95	1.10
20	19/0.200	1.000	0.5969	32.5	33.6	1.20	1.35

Temperature rating: Type A 190°C
Type NA 260°C

Voltage rating: 300Vrms

PRODUCT DESCRIPTION

PTFE insulated conductors are widely used for internal and external connectors for electronic equipment and instrumentation or environments that demand high levels of thermal, chemical, electrical or mechanical protection

PTFE is highly resistant to oils, Lubricants, fuels and is non Flammable whilst being very flexible

If required for termination, PTFE cables can be surface treated or 'etched'

PRODUCT DESCRIPTION

Conductor: Silver (Type A, B or C)
Or
Nickel (Type NA, NB or NC)

Insulation: PTFE

Available in a wide range of ROHS compliant solid or bi-colours

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BS 3G 210 Type B AND NB

AWG	Conductor Formation	Nominal Conductor Diameter mm	Calculated Area mm ²	Resistance @ 20°C Ω/km		Cable Diameter Mm	
				B	NB	Min	Max
26	1/0.400	0.400	0.1257	146.0	148.0	0.80	1.00
23	1/0.600	0.600	0.2827	64.3	65.0	1.00	1.20
32	7/0.080	0.240	0.0352	558.0	605.0	0.65	0.84
30	7/0.100	0.300	0.0550	353.0	377.0	0.70	0.90
28	7/0.120	0.360	0.0792	244.0	258.0	0.76	0.96
26	7/0.150	0.450	0.1237	159.0	166.0	0.85	1.05
24	7/0.200	0.600	0.2199	88.3	91.2	1.00	1.20
26	19/0.100	0.500	0.1492	130.0	139.0	0.90	1.10
24	19/0.120	0.600	0.2149	89.8	94.9	1.00	1.20
22	19/0.150	0.750	0.3358	58.6	61.3	1.15	1.35
20	19/0.200	1.000	0.5969	32.5	33.6	1.40	1.60
18	19/0.250	1.250	0.9327	20.6	21.2	1.65	1.85

PRODUCT CHARACTERISTICS

Temperature rating: Type B 190°C
Type NB 260°C

Voltage rating: 600Vrms

BS 3G 210 Type C AND NC

AWG	Conductor Formation	Nominal Conductor Diameter mm	Calculated Area mm ²	Resistance @ 20°C Ω/km		Cable Diameter mm	
				C	NC	Min	Max
19	1/0.900	0.900	0.6362	28.5	28.6	1.56	1.82
32	7/0.080	0.240	0.0352	558.0	605.0	0.90	1.16
30	7/0.100	0.300	0.0550	353.0	377.0	0.96	1.22
28	7/0.120	0.360	0.0792	244.0	258.0	1.02	1.28
26	7/0.150	0.450	0.1237	159.0	166.0	1.11	1.37
24	7/0.200	0.600	0.2199	88.3	91.2	1.26	1.52
26	19/0.100	0.500	0.1492	130.0	139.0	1.16	1.42
24	19/0.120	0.600	0.2149	89.8	94.9	1.26	1.52
22	19/0.150	0.750	0.3358	58.6	61.3	1.41	1.67
20	19/0.200	1.000	0.5969	32.5	33.6	1.66	1.92
18	19/0.250	1.250	0.9327	20.6	21.2	1.91	2.17
16	19/0.300	1.500	1.3430	14.3	14.6	2.16	2.46
14	19/0.335	1.675	1.6747	11.4	11.6	2.34	2.74
12	19/0.450	2.250	3.0218	6.28	6.38	2.91	3.31
10	37/0.400	2.800	4.6496	4.01	4.08	3.46	3.86

Temperature rating: Type C 190°C
Type NC 260°C

Voltage rating: 1000Vrms

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AWG	Conductor Formation	Calculated Area mm ²	Amokabel Part Number (formerly Brand-Rex)					
			Type A	Type NA	Type B	Type NB	Type C	Type NC
32	7/0.08	0.0352	SPC00492	RFI	SPC06788	RFI	SPC06586	RFI
30	1.025	0.0491	SPC00462	RFI	RFI	RFI	RFI	RFI
30	7/0.10	0.0550	SPC02994	SPC06577	SPC06490	SPC06578	RFI	SPC06579
28	1/0.32	0.0804	SPC03874	RFI	RFI	RFI	RFI	RFI
28	7/0.12	0.0792	SPC00441	RFI	SPC03796	RFI	SPC00527	RFI
26	1/0.40	0.1257	SPC00440	RFI	SPC00476	SPC06402	RFI	RFI
26	7/0.15	0.1237	SPC00442	RFI	SPC04106	SPC06656	SPC06351	RFI
26	19/0.10	0.1492	SPC06611	RFI	SPC06750	RFI	RFI	RFI
24	7/0.20	0.2199	SPC00443	SPC06166	SPC00447	SPC06477	SPC00452	RFI
24	19/0.12	0.2149	SPC04082	RFI	SPC03237	RFI	RFI	RFI
23	1/0.6	0.2827	SPC06647	RFI	SPC00446	RFI	SPC06584	RFI
22	19/0.15	0.3358	SPC00444	SPC06480	SPC00448	SPC02714	SPC00471	RFI
20	19/0.20	0.5969	SPC00445	SPC06580	SPC00449	SPC06385	SPC00453	SPC00482
19	1/0.90	0.6362	RFI	RFI	RFI	RFI	RFI	RFI
18	19/0.25	0.9327	RFI	RFI	SPC00463	SPC06484	SPC06219	SPC03870
16	19/0.30	1.3430	RFI	RFI	SPC00512	RFI	SPC00454	SPC06503
14	19/0.335	1.6747	RFI	RFI	RFI	RFI	SPC00475	SPC06657
12	19/0.45	3.0218	RFI	RFI	RFI	RFI	SPC00455	SPC03839
10	37/0.40	4.6496	RFI	RFI	RFI	RFI	SPC01539	SPC06587

RFI = Request for Information

Instruction for ordering type and colours

<p>For solid colours use A designation, For longitudinal bi-colour use L designation, For spiral stripe bi-colour use S designation, Then add required colour from table.</p> <p><i>Examples for 32AWG 7/0.08 Type A,</i></p> <p>SPC00492A002 Black solid colour</p> <p>SPC00492L184 Green / Yellow longitudinal stripe</p> <p>SPC00492S184 Green / Yellow spiral stripe</p>	Then add	***
	RED	001
	BLACK	002
	WHITE	003
	BLUE	004
	GREEN	005
	YELLOW	006
	BROWN	007
	GREY	008
	ORANGE	009
	PINK	012
	VIOLET	015
	GREEN / YELLOW	184
Other bi-colours	RFI	

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