

2491B/6701B Single Core Equipment Wire

Cable Application

Suitable for wiring of appliances, switchgear instrument panels, metering equipment etc where smoke and toxic fumes arising in a fire situation may threaten life or equipment.

Technical Information

Conductor:	IEC 60228 (formally BS6360) class 5 flexible
Insulation:	Crosslinked low smoke halogen free - Type EI5, oxygen index 30.
Colours:	Full range of BS7646C colours available to order
Voltage Rating:	2491B (H05Z - K) 0.5mm ² to 1.0mm ² - 300/500V 6701B (H07Z - K) 1.5mm ² to 10mm ² - 450/750V
Temperature Range:	0 - 90°C
Bending Radius:	Minimum: 3 x overall diameter
Standards:	BS7211 H05Z-K H07Z-K Cenelec HD22.9
Approvals:	BASEC certified

Area mm ²	Wire construction	Insulation thickness mm	Overall diameter mm	Conductor resistance at 20°C. Ω/km max	Insulation resistance at 90°C MΩ.km min	Nominal weight kg/km
0.75	24/0.2	0.6	2.34	26.0	0.0110	13
1.0	32/0.2	0.6	2.52	19.5	0.0100	16
1.5	30/0.25	0.7	3.00	13.3	0.0100	21
2.5	50/0.25	0.8	3.25	7.98	0.0090	33
4	56/0.3	0.8	4.12	4.95	0.0070	47
6	84/0.3	0.8	4.90	3.30	0.0060	66
10	80/0.4	1.0	6.05	1.91	0.0056	111

All figures are nominal unless otherwise stated.



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