

2491B/6701B single core equipment wire

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.
Conductor:	BS6360 Class 5 flexible.
Insulation:	Crosslinked low smoke halogen free - Type EI5, Oxygen Index 30.
Colours:	Full range of BS7646C colours available to order.
Standards:	BS7211 H05Z-K H07Z-K Cenelec HD22.9.
Approvals:	BASEC Certified.
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.
Minimum bend radius:	3 x overall diameter.

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	24/0.2mm	0.6	2.34	26.0	0.0110	13
1.0	32/0.2mm	0.6	2.52	19.5	0.0100	16
1.5	30/0.25mm	0.7	3.00	13.3	0.0100	21
2.5	50/0.25mm	0.8	3.25	7.98	0.0090	33
4	56/0.3mm	0.8	4.12	4.95	0.0070	47
6	84/0.3mm	0.8	4.90	3.30	0.0060	66
10	80/0.4mm	1.0	6.05	1.91	0.0056	111

All figures are nominal unless otherwise stated.