

2491B / 6701B (H05Z-K / H07Z-K) Low Smoke Zero Halogen (LSZH) Insulated Single Core Cable TECHNICAL SPECIFICATION

Nominal Cross Sectional Area of Conductor mm ²	Nominal No. & Diameter of Wires mm	Radial Thickness of Insulation mm	Nominal Overall Diameter mm
0.5	16/0.2	0.6	2.5
0.75	24/0.2	0.6	2.7
1.0	32/0.2	0.6	2.8
1.5	30/0.25	0.7	3.4
2.5	50/0.25	0.8	4.1
4.0	56/0.3	0.8	4.8
6.0	84/0.3	0.8	5.3
10.0	80/0.4	1.0	6.8
16.0	126/0.4	1.0	8.1
25.0	196/0.4	1.2	10.2

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: Thermosetting low smoke zero halogen - Type EI5, Oxygen Index 30.
Colours: Full range of BS7646C colours available to order.
Standards: BS EN 50525-3-41 (Formerly BS7211) H05Z-K H07Z-K Cenelec HD22.9.
 BS EN/IEC 60332-1-2, BS EN 50267-2-1, BS EN/IEC 61034-1
Voltage rating: 2491B (H05Z-K) 0.5mm² to 1.0mm² - 300/500V (Uo/U)
 6701B (H07Z-K) 1.5mm² to 10mm² - 450/750V (Uo/U)

Temperature range: -15°C to +90°C

Minimum bend radius: 3 x overall diameter

For current ratings, please refer to table 4E1A of the IET Wiring Regulations 18th Edition BS 7671:2018.



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