



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

Nominal Cross Sectional Area of Conductor mm <sup>2</sup>	Nominal No. & Diameter of Wires mm	Radial Thickness of Insulation mm	Nominal Overall Diameter mm	Maximum AMPS
0.5	16/0.2	0.6	2.5	3
0.75	24/0.2	0.6	2.7	6
1.0	32/0.2	0.6	2.8	10
1.5	30/0.25	0.7	3.4	15
2.5	50/0.25	0.8	4.1	25
4.0	56/0.3	0.8	4.8	32
6.0	84/0.3	0.8	5.3	47
10.0	80/0.4	1.0	6.8	65
16.0	126/0.4	1.0	8.1	87
25.0	196/0.4	1.2	10.2	114

**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) 0.5mm<sup>2</sup> to 1.0mm<sup>2</sup> - 300/500V (Uo/U)  
 6701B (H07Z-K) 1.5mm<sup>2</sup> to 10mm<sup>2</sup> - 450/750V (Uo/U)

**Temperature range:** -15°C to +90°C

**Minimum bend radius:** 3 x overall diameter.



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