

**Description:** Multicore Low Smoke Halogen Free Throughout Control Cable. Conforming to H05Z1Z1-K



### Construction

Conductor Material : Bare Copper, Class 5  
 Insulation Material : Low Smoke Halogen Free (LSHF)  
 Sheath Material : Low Smoke Halogen Free (LSHF)  
 Sheath Colour : White or Black  
 Core Identification : British Colour Code (See Chart Attached)

### Electrical Characteristics

Conductor Resistance : BS EN 60228  
 Working Voltage : 300/500V  
 Test Voltage (AC) : 2000V

### Physical Characteristics

Overall Diameter : See Table  
 Bend Radius : Flexing 15 x OD      Static 4 x OD  
 Temperature Rating : Flexing -15°C to +70°C      Static -40°C to +70°C

### Standards

HAR Approved : Yes  
 Manufactured to : BS EN 50525-3-11  
 Fire Retardant : BS EN 60332-1-2, 60332-3-24 Cat C  
 Low Smoke Generation : BS EN 61034-2, UL1685  
 Halogen Gas Emission : BS EN 60754-1&2 (Superseded BS EN 50267-1&2)  
 RoHS2 Compliant : Yes  
 CE Compliant : LVD (2006/95/EC)

Part No.	Cores x mm <sup>2</sup>	Weight kg/km	O/D mm	Part No.	Cores x mm <sup>2</sup>	Weight kg/km	O/D mm
31800702XX	2 x 0.75	60	6.3	31802502XX	2 x 2.5	150	9.1
31800703XX	3 x 0.75	70	6.7	31802503XX	3 x 2.5	184	9.8
31800704XX	4 x 0.75	88	7.1	31802504XX	4 x 2.5	228	10.9
31800705XX	5 x 0.75	112	7.8	31802505XX	5 x 2.5	270	11.9
31801002XX	2 x 1.0	71	6.7	31804003XX	3 x 4	216	14.0
31801003XX	3 x 1.0	84	7.1	31804004XX	4 x 4	286	15.1
31801004XX	4 x 1.0	106	7.9	31804005XX	5 x 4	342	15.4
31801005XX	5 x 1.0	134	8.7	31806004XX	4 x 6	338	15.2
31801006XX	6 x 1.0	163	9.6	31806005XX	5 x 6	422	17.5
31801502XX	2 x 1.5	97	7.7	31810004XX	4 x 10	690	22.1
31801503XX	3 x 1.5	120	8.3	31810005XX	5 x 10	884	24.9
31801504XX	4 x 1.5	152	9.4				
31801505XX	5 x 1.5	183	10.4				
31801506XX	6 x 1.5	201	11.0				

To show the colour required please replace XX in the part number with:

00  Black      04  White