

**Description:** Multicore Signal & Control Cable. Low Smoke Halogen Free Throughout with Increased Flame Retardance.



### Construction

Conductor Material : Bare Copper, Class 5  
 Insulation Material : Low Smoke Halogen Free (LSHF)  
 Sheath Material : Low Smoke Halogen Free (LSHF)  
 Sheath Colour : Grey  
 Core Identification : 2 Cores – Black Numbered Cores  
 : 3 Cores and above – Black Numbered Cores + Green/Yellow

### Electrical Characteristics

Conductor Resistance : BS EN 60228  
 Insulation Resistance : 200 MΩ.M  
 Working Voltage : 300/500V  
 Test Voltage (AC) : 2000V

### Physical Characteristics

Overall Diameter : See Table  
 Bend Radius : Flexing 15 x OD  
 : Static 7.5 x OD  
 Temperature Rating : Flexing +5°C to +70°C  
 : Static -20°C to +90°C  
 Weight : See Table

### Standards

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  
 RoHS2 Compliant : Yes  
 CE Compliant : LVD (2014/35/EU)

Part No.	Cores x mm <sup>2</sup>	Weight (kg/km)	OD (mm)
31900702	2 x 0.75	45	5.5
31900703	3 x 0.75	55	5.6
31900704	4 x 0.75	65	6.5
31900705	5 x 0.75	76	7.3
31900707	7 x 0.75	93	7.5
31900712	12 x 0.75	140	9.1
31900718	18 x 0.75	240	12.5
31900725	25 x 0.75	343	14.3
31901002	2 x 1	49	6.0
31901003	3 x 1	59	6.5
31901004	4 x 1	75	6.7
31901005	5 x 1	88	7.5
31901007	7 x 1	112	8.0
31901012	12 x 1	170	10.2
31901018	18 x 1	252	12.0
31901025	25 x 1	363	15.0
31901502	2 x 1.5	73	6.8
31901503	3 x 1.5	78	7.1

Part No.	Cores x mm <sup>2</sup>	Weight (kg/km)	OD (mm)
31901504	4 x 1.5	105	7.6
31901505	5 x 1.5	133	9.0
31901507	7 x 1.5	165	9.5
31901512	12 x 1.5	274	12.0
31901518	18 x 1.5	402	15.5
31901525	25 x 1.5	533	16.5
31902502	2 x 2.5	94	7.7
31902503	3 x 2.5	123	8.7
31902504	4 x 2.5	158	9.3
31902505	5 x 2.5	192	10.1
31902507	7 x 2.5	246	12.5
31902512	12 x 2.5	360	13.5
31902518	18 x 2.5	780	18.3
31902525	25 x 2.5	1050	22.1
31904002	2 x 4	172	9.3
31904003	3 x 4	185	9.9
31904004	4 x 4	198	10.1
31904005	5 x 4	270	12.5

Part No.	Cores x mm <sup>2</sup>	Weight (kg/km)	OD (mm)
31904007	7 x 4	475	13.5
31906002	2 x 6	243	10.9
31906003	3 x 6	260	11.5
31906004	4 x 6	285	12.0
31906005	5 x 6	420	14.5
31906007	7 x 6	640	16.2
31910003	3 x 10	550	15.1
31910004	4 x 10	710	16.9
31910005	5 x 10	875	18.9
31916003	3 x 16	850	17.8
31916004	4 x 16	1050	20.0
31916005	5 x 16	1300	22.2
31925003	3 x 25	1150	22.6
31925004	4 x 25	1600	25.5
31925005	5 x 25	2100	28.1
31935003	3 x 35	1600	25.5
31935004	4 x 35	2210	28.3
31935005	5 x 35	2700	31.3