

**Description:** Multicore Signal & Control Cable Unscreened, Polyvinyl Chloride (PVC) Grey Sheath.



### Construction

Conductor Material : Bare Copper, Class 5  
 Insulation Material : Polyvinyl Chloride (PVC)  
 Sheath Material : Polyvinyl Chloride (PVC)  
 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

Bend Radius : Flexing 10 x OD  
                   : Static 7.5 x OD  
 Temperature Rating : Flexing -5°C to +70°C  
                           : Static -20°C to +70°C

### Standards

Flame Retardant : BS EN 60332-1-2  
 RoHS3 Compliant : Yes  
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)  
 CPR Classification : Eca (EN50575:2014+A1:2016)

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Part No.	Cores x mm <sup>2</sup>	Weight kg/km	OD mm	Part No.	Cores x mm <sup>2</sup>	Weight kg/km	OD mm	Part No.	Cores x mm <sup>2</sup>	Weight kg/km	OD mm
10000502-E00	2 x 0.5	33	4.9	10001002-E00	2 x 1.0	50	5.5	10002502-E00	2 x 2.5	96	7.6
10000503-E00	3 x 0.5	43	5.2	10001003-E00	3 x 1.0	60	5.9	10002503-E00	3 x 2.5	125	8.0
10000504-E00	4 x 0.5	46	5.7	10001004-E00	4 x 1.0	63	6.6	10002504-E00	4 x 2.5	152	8.8
10000505-E00	5 x 0.5	53	6.4	10001005-E00	5 x 1.0	81	7.1	10002505-E00	5 x 2.5	173	9.8
10000507-E00	7 x 0.5	75	6.6	10001007-E00	7 x 1.0	126	7.6	10002507-E00	7 x 2.5	238	11.9
10000510-E00	10 x 0.5	106	8.6	10001008-E00	8 x 1.0	147	9.4	10002512-E00	12 x 2.5	384	14.5
10000512-E00	12 x 0.5	113	8.9	10001010-E00	10 x 1.0	157	9.9	10002518-E00	18 x 2.5	559	17.4
10000518-E00	18 x 0.5	167	10.7	10001012-E00	12 x 1.0	183	10.5	10002525-E00	25 x 2.5	793	22.1
10000521-E00	21 x 0.5	194	11.7	10001018-E00	18 x 1.0	266	12.4	10002534-E00	34 x 2.5	1086	23.8
10000525-E00	25 x 0.5	261	12.4	10001020-E00	20 x 1.0	313	14.2	10002550-E00	50 x 2.5	1579	28.9
10000530-E00	30 x 0.5	306	13.4	10001025-E00	25 x 1.0	356	14.7	10004003-E00	3 x 4.0	182	9.7
10000540-E00	40 x 0.5	347	15.5	10001034-E00	34 x 1.0	469	16.6	10004004-E00	4 x 4.0	235	10.6
10000552-E00	52 x 0.5	520	17.3	10001041-E00	41 x 1.0	588	18.3	10004005-E00	5 x 4.0	276	11.8
10000561-E00	61 x 0.5	601	18.7	10001050-E00	50 x 1.0	691	19.9	10004007-E00	7 x 4.0	328	13.0
10000565-E00	65 x 0.5	650	19.8	10001061-E00	61 x 1.0	961	21.9	10004012-E00	12 x 4.0	655	18.3
10000580-E00	80 x 0.5	782	21.2	10001065-E00	65 x 1.0	1030	23.4	10006003-E00	3 x 6.0	273	11.8
10000702-E00	2 x 0.75	41	5.2	10001080-E00	80 x 1.0	1099	24.6	10006004-E00	4 x 6.0	337	12.8
10000703-E00	3 x 0.75	54	5.7	10001502-E00	2 x 1.5	64	6.2	10006005-E00	5 x 6.0	407	14.3
10000704-E00	4 x 0.75	58	6.1	10001503-E00	3 x 1.5	80	6.6	10006007-E00	7 x 6.0	498	16.7
10000705-E00	5 x 0.75	69	6.7	10001504-E00	4 x 1.5	99	7.3	10010003-E00	3 x 10	471	14.5
10000707-E00	7 x 0.75	97	7.2	10001505-E00	5 x 1.5	112	7.9	10010004-E00	4 x 10	532	15.8
10000708-E00	8 x 0.75	109	8.6	10001507-E00	7 x 1.5	150	8.9	10010005-E00	5 x 10	675	17.9
10000710-E00	10 x 0.75	133	9.3	10001508-E00	8 x 1.5	201	10.6	10010007-E00	7 x 10	894	19.5
10000712-E00	12 x 0.75	151	9.9	10001510-E00	10 x 1.5	212	11.2	10016004-E00	4 x 16	849	19.2
10000718-E00	18 x 0.75	216	11.5	10001512-E00	12 x 1.5	250	11.7	10016005-E00	5 x 16	1053	21.3
10000721-E00	21 x 0.75	263	13.8	10001518-E00	18 x 1.5	362	13.9	10016007-E00	7 x 16	1389	23.8
10000725-E00	25 x 0.75	296	14.1	10001521-E00	21 x 1.5	426	15.5	10025004-E00	4 x 25	1275	23.3
10000734-E00	34 x 0.75	392	15.9	10001525-E00	25 x 1.5	515	17.2	10025005-E00	5 x 25	1580	25.9
10000741-E00	41 x 0.75	466	16.9	10001532-E00	32 x 1.5	634	18.7	10025007-E00	7 x 25	2109	28.5
10000750-E00	50 x 0.75	585	17.6	10001534-E00	34 x 1.5	671	19.3	10035004-E00	4 x 35	1686	27.3
10000761-E00	61 x 0.75	693	20.9	10001541-E00	41 x 1.5	890	21.2	10035005-E00	5 x 35	2106	29.6
10000765-E00	65 x 0.75	835	21.6	10001550-E00	50 x 1.5	973	22.6				
10000780-E00	80 x 0.75	1023	23.8	10001561-E00	61 x 1.5	1181	25.2				
				10001565-E00	65 x 1.5	1359	26.8				