

Description: Multicore Signal & Control Cable Unscreened, Low Smoke Halogen Free Throughout.

NILTOX®



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

Bend Radius : Flexing 15 x OD
 Static 7.5 x OD
 Temperature Rating : Flexing -15°C to +90°C
 Static -25°C to +90°C

Standards

Flame Retardant : BS EN 60332-1-2,
 Low Smoke Generation : BS EN 61034-2
 Halogen Gas Emission : BS EN 60754-1&2
 RoHS Compliant : Yes
 UV & Weather Resistant : ISO 4892-3
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)
 CPR Classification : Cca s1a, d1, a1(EN50575:2014+A1:2016)



Part No.	Cores x mm ²	Weight kg/km	OD mm
31900702-C04	2 x 0.75	45	5.4
31900703-C04	3 x 0.75	55	5.9
31900704-C04	4 x 0.75	65	6.4
31900705-C04	5 x 0.75	76	7.0
31900707-C04	7 x 0.75	93	7.5
31900712-C04	12 x 0.75	140	10.1
31900718-C04	18 x 0.75	240	12.1
31900725-C04	25 x 0.75	343	14.2
31901002-C04	2 x 1	49	5.7
31901003-C04	3 x 1	59	6.2
31901004-C04	4 x 1	75	6.7
31901005-C04	5 x 1	88	7.4
31901007-C04	7 x 1	112	8.0
31901012-C04	12 x 1	170	10.7
31901018-C04	18 x 1	252	12.9
31901025-C04	25 x 1	363	15.0
31901502-C04	2 x 1.5	73	6.8
31901503-C04	3 x 1.5	78	7.3

Part No.	Cores x mm ²	Weight kg/km	OD mm
31901504-C04	4 x 1.5	105	8.0
31901505-C04	5 x 1.5	133	9.0
31901507-C04	7 x 1.5	165	9.7
31901512-C04	12 x 1.5	274	13.0
31901518-C04	18 x 1.5	402	15.5
31901525-C04	25 x 1.5	533	18.3
31902502-C04	2 x 2.5	94	7.7
31902503-C04	3 x 2.5	123	8.4
31902504-C04	4 x 2.5	158	9.3
31902505-C04	5 x 2.5	192	10.1
31902507-C04	7 x 2.5	246	11.1
31902512-C04	12 x 2.5	360	14.9
31902518-C04	18 x 2.5	780	18.3
31902525-C04	25 x 2.5	1050	22.1
31904002-C04	2 x 4	172	9.3
31904003-C04	3 x 4	185	10.4
31904004-C04	4 x 4	198	11.6
31904005-C04	5 x 4	270	13.3

Part No.	Cores x mm ²	Weight kg/km	OD mm
31904007-C04	7 x 4	475	15.5
31906002-C04	2 x 6	243	10.9
31906003-C04	3 x 6	260	11.9
31906004-C04	4 x 6	285	13.5
31906005-C04	5 x 6	420	14.7
31906007-C04	7 x 6	640	16.2
31910003-C04	3 x 10	550	15.1
31910004-C04	4 x 10	710	17.4
31910005-C04	5 x 10	875	19.3
31916003-C04	3 x 16	850	17.8
31916004-C04	4 x 16	1050	21.9
31916005-C04	5 x 16	1300	24.5
31925003-C04	3 x 25	1150	22.6
31925004-C04	4 x 25	1600	26.6
31925005-C04	5 x 25	2100	29.5
31935003-C04	3 x 35	1600	25.5
31935004-C04	4 x 35	2210	33.4
31935005-C04	5 x 35	2700	37.0