

**Description:** Multicore Dual Screened Signal & Control Cable, Low Smoke Halogen Free (LSHF) Throughout.

# NILTOX®



### Construction

Conductor Material : Bare Copper, Class 5  
 Insulation Material : Low Smoke Halogen Free (LSHF)  
 Overall Screen 1 : Aluminium Foil (100% Coverage)  
 Overall Screen 2 : Tinned Copper Wire Braid (≥ 70% Coverage)  
 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 10 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, 60332-3-24 Cat C  
 Low Smoke Generation : BS EN 61034-2, UL1685  
 Halogen Gas Emission : BS EN 60754-1&2  
 RoHS3 Compliant : Yes  
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)  
 CPR Classification : Dca – s1a, d2, a1 (EN50575:2014+A1:2016)

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
32900702-D07	2 x 0.75	56	6.1	32901504-D07	4 x 1.5	114	9.0	32906002-D07	2 x 6	280	11.6
32900703-D07	3 x 0.75	64	6.4	32901505-D07	5 x 1.5	135	10.0	32906003-D07	3 x 6	325	13.2
32900704-D07	4 x 0.75	74	6.9	32901507-D07	7 x 1.5	176	10.6	32906004-D07	4 x 6	360	15.5
32900705-D07	5 x 0.75	83	7.6	32901512-D07	12 x 1.5	300	14.1	32906005-D07	5 x 6	520	16.2
32900707-D07	7 x 0.75	106	8.1	32901518-D07	18 x 1.5	500	16.4	32906007-D07	7 x 6	675	16.7
32900712-D07	12 x 0.75	200	10.9	32901525-D07	25 x 1.5	710	19.5	32910003-D07	3 x 10	450	16.8
32900718-D07	18 x 0.75	295	12.5	32902502-D07	2 x 2.5	123	8.8	32910004-D07	4 x 10	790	18.5
32900725-D07	25 x 0.75	420	14.8	32902503-D07	3 x 2.5	132	9.3	32910005-D07	5 x 10	920	20.8
32901002-D07	2 x 1	60	6.4	32902504-D07	4 x 2.5	152	10.1	32916003-D07	3 x 16	690	19.0
32901003-D07	3 x 1	66	6.7	32902505-D07	5 x 2.5	215	11.1	32916004-D07	4 x 16	1300	22.7
32901004-D07	4 x 1	83	7.4	32902507-D07	7 x 2.5	250	12.1	32916005-D07	5 x 16	2200	25.3
32901005-D07	5 x 1	100	8.1	32902512-D07	12 x 2.5	580	15.9	32925003-D07	3 x 25	1450	23.3
32901007-D07	7 x 1	130	9.0	32904002-D07	2 x 4	190	11.1	32925004-D07	4 x 25	1950	26.4
32901012-D07	12 x 1	270	11.8	32904003-D07	3 x 4	220	11.7	32925005-D07	5 x 25	2450	29.5
32901018-D07	18 x 1	390	13.7	32904004-D07	4 x 4	310	13.0	32935003-D07	3 x 35	2000	25.9
32901025-D07	25 x 1	545	16.2	32904005-D07	5 x 4	395	13.4	32935004-D07	4 x 35	2575	30.5
32901502-D07	2 x 1.5	72	7.7	32904007-D07	7 x 4	510	14.1	32935005-D07	5 x 35	3200	34.0
32901503-D07	3 x 1.5	97	8.1								