

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, 60332-3-24 Cat C
 Low Smoke Generation : BS EN 61034-2, UL1685
 Halogen Gas Emission : BS EN 60754-1&2
 RoHS Compliant : Yes
 CE Compliant : LVD (2014/35/EU)
 UV & Weather Resistant : ISO 4892-3 (Subject to manufacturer)

Part No.	Cores x mm ²	Weight kg/km	OD mm	Part No.	Cores x mm ²	Weight kg/km	OD mm	Part No.	Cores x mm ²	Weight kg/km	OD mm
31900702	2 x 0.75	45	5.4	31901504	4 x 1.5	105	8.0	31904007	7 x 4	475	15.5
31900703	3 x 0.75	55	5.9	31901505	5 x 1.5	133	9.0	31906002	2 x 6	243	10.9
31900704	4 x 0.75	65	6.4	31901507	7 x 1.5	165	9.7	31906003	3 x 6	260	11.9
31900705	5 x 0.75	76	7.0	31901512	12 x 1.5	274	13.0	31906004	4 x 6	285	13.5
31900707	7 x 0.75	93	7.5	31901518	18 x 1.5	402	15.5	31906005	5 x 6	420	14.7
31900712	12 x 0.75	140	10.1	31901525	25 x 1.5	533	18.3	31906007	7 x 6	640	16.2
31900718	18 x 0.75	240	12.1	31902502	2 x 2.5	94	7.7	31910003	3 x 10	550	15.1
31900725	25 x 0.75	343	14.2	31902503	3 x 2.5	123	8.4	31910004	4 x 10	710	17.4
31901002	2 x 1	49	5.7	31902504	4 x 2.5	158	9.3	31910005	5 x 10	875	19.3
31901003	3 x 1	59	6.2	31902505	5 x 2.5	192	10.1	31916003	3 x 16	850	17.8
31901004	4 x 1	75	6.7	31902507	7 x 2.5	246	11.1	31916004	4 x 16	1050	21.9
31901005	5 x 1	88	7.4	31902512	12 x 2.5	360	14.9	31916005	5 x 16	1300	24.5
31901007	7 x 1	112	8.0	31902518	18 x 2.5	780	18.3	31925003	3 x 25	1150	22.6
31901012	12 x 1	170	10.7	31902525	25 x 2.5	1050	22.1	31925004	4 x 25	1600	26.6
31901018	18 x 1	252	12.9	31904002	2 x 4	172	9.3	31925005	5 x 25	2100	29.5
31901025	25 x 1	363	15.0	31904003	3 x 4	185	10.4	31935003	3 x 35	1600	25.5
31901502	2 x 1.5	73	6.8	31904004	4 x 4	198	11.6	31935004	4 x 35	2210	33.4
31901503	3 x 1.5	78	7.3	31904005	5 x 4	270	13.3	31935005	5 x 35	2700	37.0