

Description: Paired Data Cable With Din 47100 Colour Code, Braid Screened Low Smoke Halogen Free (LSHF) Throughout



Construction

Conductor Material : Bare Copper, Class 5
 Insulation Material : Low Smoke Halogen Free (LSHF)
 Separator Tape : Polyester Tape
 Overall Screen : Tinned Copper Braid
 Sheath Material : Low Smoke Halogen Free (LSHF)
 Sheath Colour : Grey
 Core Identification : DIN 47100 (see attached)

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 +70°C
 Weight : See Table

Standards

Flame Retardant : BS EN 60332-1-2
 Low Smoke Generation : BS EN 61034-2
 Halogen Gas Emission : BS EN 60754-1&2
 RoHS3 Compliant : Yes
 CE Compliant : LVD (2014/35/EU)

Part No.	Pairs x mm ²	Weight kg/km	OD mm	Part No.	Pairs x mm ²	Weight kg/km	OD mm	Part No.	Pairs x mm ²	Weight kg/km	OD mm
31600102	2x2x0.14	36	5.3	31600302	2x2x0.34	67	7.3	31600702	2x2x0.75	106	8.9
31600103	3x2x0.14	47	5.9	31600303	3x2x0.34	91	7.8	31600703	3x2x0.75	138	10.0
31600104	4x2x0.14	65	6.7	31600304	4x2x0.34	109	9.5	31600704	4x2x0.75	165	11.6
31600106	6x2x0.14	86	8.1	31600306	6x2x0.34	140	10.0	31600706	6x2x0.75	242	13.7
31600107	7x2x0.14	94	8.7	31600307	7x2x0.34	155	11.0	31600707	7x2x0.75	259	13.8
31600112	12x2x0.14	134	10.1	31600312	12x2x0.34	246	13.7	31600712	12x2x0.75	439	16.8
31600201	1x2x0.25	21	4.8	31600501	1x2x0.5	42	5.8				
31600202	2x2x0.25	44	5.9	31600502	2x2x0.5	76	7.6				
31600203	3x2x0.25	65	6.5	31600503	3x2x0.5	108	8.3				
31600204	4x2x0.25	80	7.2	31600504	4x2x0.5	135	10.2				
31600206	6x2x0.25	114	9.0	31600506	6x2x0.5	168	11.3				
31600207	7x2x0.25	121	9.4	31600507	7x2x0.5	186	11.9				
31600212	12x2x0.25	173	10.9	31600512	12x2x0.5	331	14.7				

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NILTOX®

Din 47100 Colour Code

1 White	14 Brown/Green	27 Grey/Green	40 Pink/Red
2 Brown	15 White/Yellow	28 Yellow/Grey	41 Grey/Black
3 Green	16 Yellow/Brown	29 Pink/Green	42 Pink/Black
4 Yellow	17 White/Grey	30 Yellow/Pink	43 Blue/Black
5 Grey	18 Grey/Brown	31 Green/Blue	44 Red/Black
6 Pink	19 White/Pink	32 Yellow/Blue	
7 Blue	20 Pink/Brown	33 Green/Red	
8 Red	21 White/Blue	34 Yellow/Red	
9 Black	22 Brown/Blue	35 Green/Black	
10 Violet	23 White/Red	36 Yellow/Black	
11 Grey/Pink	24 Brown/Red	37 Grey/Blue	
12 Red/Blue	25 White/Black	38 Pink/Blue	
13 White/Green	26 Brown/Black	39 Grey/Red	