

Description: 24awg Twisted Pair Data Cable With An Overall Foil Screen For RS 232. Suitable For Ducts And External Applications.



Construction

Conductor Material	: Tinned Copper, 24(7)awg
Insulation Material	: Low Smoke and Fume (LSF)
Overall Screen	: Aluminium Foil (100% Coverage)
Drain Wire	: Tinned Copper, 24(7)awg
Inner Sheath Material	: Low Smoke and Fume (LSF)
Inner Sheath Colour	: Grey
Outer Sheath Material	: Polyethylene (PE)
Outer Sheath Colour	: Black
Core Identification	: Colour Chart 3
Alternative to Belden	: 9501 to 9506, Duct Grade

Electrical Characteristics

Nominal Conductor DC Resistance @ 20°C	: < 79 Ω/km
Insulation Resistance	: > 200 MΩ.M
Capacitance	Core to core : 98 pF/m 1 pair only : 131 pF/m
	Core to core & screen : 164 pF/m 1 pair only : 243 pF/m
Nominal Velocity of Propagation	: 60%
Voltage Rating	: 450/750V <i>Applies to CE marked FSC branded stock only</i>
Test Voltage	: 2.5kV for 5 minutes

Physical Characteristics

Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: See table

Standards

RoHS2 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU)
UV & Weather Resistant	: ISO 4892-3

Part No.	Alternative to Belden	No. of Pairs	O/D (mm)	Weight kg/km
2401POFYD	9501	1	6.7	44
2402POFYD	9502	2	7.8	60
2403POFYD	9503	3	8.1	66
2404POFYD	9504	4	9.1	72
2406POFYD	9506	6	10.1	93

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American Style Colour Chart

Chart 3

1 Black/Red	10 Red/Blue	19 White/Blue	28 Orange/Yellow
2 Black/White	11 Red/Yellow	20 White/Yellow	29 Purple/Orange
3 Black/Green	12 Red/Brown	21 White/Brown	30 Purple/Red
4 Black/Blue	13 Red/Orange	22 White/Orange	31 Purple/White
5 Black/Yellow	14 Green/White	23 Blue/Yellow	32 Purple/Dark Green
6 Black/Brown	15 Green/Blue	24 Blue/Brown	33 Purple/Light Blue
7 Black/Orange	16 Green/Yellow	25 Blue/Orange	34 Purple/Yellow
8 Red/White	17 Green/Brown	26 Brown/Yellow	35 Purple/Brown
9 Red/Green	18 Green/Orange	27 Brown/Orange	36 Purple/Black