

Part Number: 1806PIFPH-E00
Description: 6 x 2 x 18(19)AWG Six Pair Individually Foil Screened Low Smoke Halogen Free (LSHF) Data Cable



Construction

Conductor Material	:	Tinned Copper, 18(19)awg
Insulation Material	:	Polypropylene (PP)
Number of Pairs	:	6
Individual Screen	:	Aluminium Foil, Each Pair (100% Coverage)
Drain Wire	:	Tinned Copper, 20(7)awg
Outer Sheath Material	:	Low Smoke Halogen Free (LSHF)
Outer Sheath Colour	:	Grey
Core Identification	:	Black/Red, Black/White, Black/Green, Black/Blue, Black/Yellow, Black/Brown
Alternative to Belden	:	9774

Electrical Characteristics

Nominal Conductor Resistance	:	< 20.4 Ω/km
Insulation Resistance	:	> 200MΩ.M
Impedance	:	50 Ohm ± 5
Capacitance	Core to Core	: 98 pF/m ± 25
	Core to Screen	: 180 pF/m ± 40
Voltage Rating	:	450/750V <i>Applies to CE marked FSC branded stock only</i>
Test Voltage	:	2.5kV for 5 minutes

Physical Characteristics

Overall Diameter	:	13.2 ± 0.3mm
Min. Bend Radius	:	10 x OD
Temperature Rating	:	-20°C to +70°C
Weight	:	259 kg/km

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), CPR (305/2011)
CPR Classification	:	Eca (EN50575:2014+A1:2016)