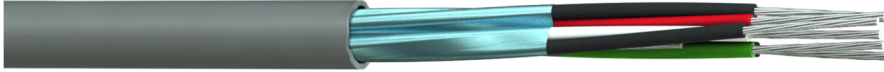


Part Number: 1803PIFPH-E00
Description: 3 x 2 x 18(19)AWG Three Pair Individually Foil Screened Low Smoke Halogen Free (LSHF) Data Cable



Construction

Conductor Material	: Tinned Copper, 18(19)awg
Insulation Material	: Polypropylene (PP)
Number of Pairs	: 3
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
Alternative to Belden	: 9773

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	: 10.3 ± 0.3mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 139 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)