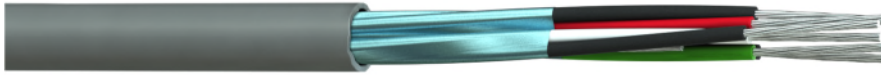


**Part Number:** 1803PIFPH-E00  
**Description:** 3 x 2 x 18(19)AWG Three Pair Individually Foil Screened Low Smoke Halogen Free (LSHF) Data Cable



### 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 *Applies to CE marked FSC branded stock only*  
 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  
 RoHS Compliant : Yes  
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)  
 CPR Classification : Eca (EN50575:2014+A1:2016)  
 UV and Weather Resistant : ISO 4892-3\*  
 : \*Applies to all Batches ST\*\*\*\*\* Onwards

