

Part No: 1801POFPH-E00
Description: 1 x 2 x 18(16)AWG Single Pair Foil Screened Low Smoke Halogen Free (LSHF) Data Cable



Construction

Conductor Material : Tinned Copper, 18(16)awg
 Pair Insulation Material : Polyethylene (PE)
 Number of Pairs : 1
 Overall Screen : Aluminium Foil (100% Coverage)
 Drain Wire : Tinned Copper, 20(7)awg
 Sheath Material : Low Smoke Halogen Free (LSHF)
 Sheath Colour : Grey
 Core Identification : Clear/Black
 Alternative to Belden : 8760

Electrical Characteristics

Nominal Conductor Resistance @20°C : < 23.8 Ω/km
 Capacitance Core to core : 78 pF/m ± 30
 Core to screen : 152 pF/m ± 50
 Impedance : 58 ± 25
 Voltage Rating : 450/750 V *Applies to CE marked FSC branded stock only*
 Test Voltage : 2.5 kV for 5 minutes

Physical Characteristics

Overall Diameter : 5.6 ± 0.2mm
 Min. Bend Radius : 10 x OD
 Temperature Rating : -20°C to +70°C
 Weight : 45 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)