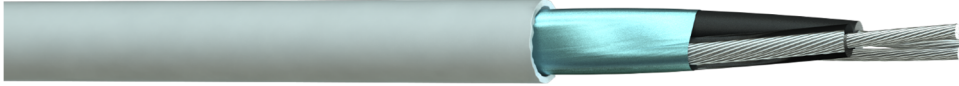


**Part No:** 1401POFPH-E00  
**Description:** 1 x 2 x 14(19)AWG Single Pair Foil Screened Low Smoke Halogen Free (LSHF) Data Cable



### Construction

Conductor Material : Tinned Copper, 14(19)awg  
 Pair Insulation Material : Polyethylene (PE)  
 Number of Pairs : 1  
 Overall Screen : Aluminium Foil (100% Coverage)  
 Drain Wire : Tinned Copper, 16(26)awg  
 Sheath Material : Low Smoke Halogen Free (LSHF)  
 Sheath Colour : Grey  
 Core Identification : Clear/Black  
 Alternative to Belden : 8720

### Electrical Characteristics

Nominal Conductor Resistance @20°C : < 9.8 Ω/km  
 Capacitance Core to core : 79 pF/m ± 25  
                   Core to screen : 137 pF/m ± 40  
 Impedance : 70 Ω  
 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 : 9.0 ± 0.3mm  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 109 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 : E<sub>CA</sub> (EN50575:2014+A1:2016)