

**Part No:** 1601POFPH-E00  
**Description:** 1 x 2 x 16(19)AWG Single Pair Foil Screened Low Smoke Halogen Free (LSHF) Data Cable



### Construction

Conductor Material	: Tinned Copper, 16(19)awg
Pair Insulation Material	: Polyethylene (PE)
Number of Pairs	: 1
Overall Screen	: Aluminium Foil (100% Coverage)
Drain Wire	: Tinned Copper, 18(16)awg
Sheath Material	: Low Smoke Halogen Free (LSHF)
Sheath Colour	: Grey
Core Identification	: Clear/Black
Alternative to Belden	: 8719

### Electrical Characteristics

Nominal Conductor Resistance @20°C	: < 16.8 Ω/km
Capacitance	Core to core : 65 pF/m ± 30
	Core to screen : 127 pF/m ± 40
Impedance	: 78 ± 30
Voltage Rating	: 450/750 V <i>Applies to CE marked FSC branded stock only</i>
Test Voltage	: 2.5 kV for 5 minutes

### Physical Characteristics

Overall Diameter	: 7.9 ± 0.3mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 84 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	: E <sub>ca</sub> (EN50575:2014+A1:2016)
UV and Weather Resistant	: ISO 4892-3*
	: *Applies to all Batches ST***** Onwards

