

**Part Number:** 2401POHPH-E00  
**Description:** 1 x 2 x 24(7)AWG One Pair Foil & Braid Screened Low Smoke Halogen Free (LSHF) Data Cable



### Construction

Conductor Material	: Tinned Copper, 24(7)awg
Insulation Material	: Polyethylene (PE)
Number of Pairs	: 1
Overall Screen 1	: Aluminium Foil (100% Coverage)
Drain Wire	: Tinned Copper, 24(7)awg
Overall Screen 2	: Tinned Copper Wire Braid (90% Coverage)
Outer Sheath Material	: Low Smoke Halogen Free (LSHF)
Outer Sheath Colour	: Grey
Core Identification	: White/Blue Stripe, Blue/White Stripe
Alternative to Belden	: 9841

### Electrical Characteristics

Nominal Conductor Resistance	: < 86.2 Ω/km
Insulation Resistance	: > 200MΩ.M
Impedance	: 120 Ohm ± 25
Capacitance	Core to Core : 42 pF/m ± 20
	Core to Screen : 76 pF/m ± 35
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	: 5.9 ± 0.2mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 64 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

