

**Part Number:** 2802PODGH  
**Description:** 2 x 2 x 28(7)AWG Two Pair Foil & Braid Screened Low Smoke Halogen Free (LSHF) Data Cable



### Construction

Conductor Material	: Tinned Copper, 28(7)awg
Insulation Material	: Foamed Polyethylene (FPE)
Number of Pairs	: 2
Drain Wire	: Tinned Copper, 28(7)awg
Overall Screen 1	: Aluminium Foil (100% Coverage)
Overall Screen 2	: Tinned Copper Wire Braid (65% Coverage)
Outer Sheath Material	: Low Smoke Halogen Free (LSHF)
Outer Sheath Colour	: Grey
Core Identification	: White/Blue Stripe, Blue/White Stripe White/Orange Stripe, Orange/White Stripe
Alternative to Belden	: 8132NH

### Electrical Characteristics

Nominal Conductor Resistance	: < 24.0 Ω/km
Insulation Resistance	: > 200MΩ.M
Impedance	: 140 Ohm ± 30
Capacitance	Core to Core : 30 pF/m ± 15 Core to Screen : 55 pF/m ± 20
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	: 5.6 ± 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)