

**Part Number:** 2402PTMFH  
**Description:** 2 x 2 x 24(7)AWG Two Pair Individually Foil Screened Pairs & Overall Foil & Braid Screen Low Smoke Halogen Free (LSHF) Data Cable



### Construction

Conductor Material	: Tinned Copper, 24(7)awg
Insulation Material	: Foamed Polyethylene (FPE)
Number of Pairs	: 2
Drain Wire	: Tinned Copper, 24(7)awg, Each Pair
Individual Screen	: Aluminium Foil, Each Pair (100% Coverage)
Tape	: Polyester, Each Pair
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	: Black/Red, Black/White
Alternative to Belden	: 8162

### Electrical Characteristics

Nominal Conductor Resistance	: < 86.2 $\Omega$ /km
Insulation Resistance	: > 200M $\Omega$ .M
Impedance	: 100 Ohm $\pm$ 25
Capacitance	Core to Core : 41 pF/m $\pm$ 20
	Core to Screen : 72 pF/m $\pm$ 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	: 8.7 $\pm$ 0.3mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 92 kg/km

### Standards

Flame Retardant	: BS EN 60332-1-2
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU)