

**Part Number:** 2409POFYH  
**Description:** 9 x 2 x 24(7)AWG Nine Pair Foil Screened Low Smoke Halogen Free (LSHF) Data Cable



### Construction

Conductor Material	: Tinned Copper, 24(7)awg
Insulation Material	: Low Smoke Halogen Free (LSHF)
Number of Pairs	: 9
Overall Screen	: Aluminium Foil (100% Coverage)
Drain Wire	: Tinned Copper, 24(7)awg
Outer Sheath Material	: Low Smoke Halogen Free (LSHF)
Outer Sheath Colour	: Grey
Core Identification	: Black/Red, Black/White, Black/Green, Black/Blue, Black/Yellow, Black/Brown, Black/Orange, Red/White, Red/Green
Alternative to Belden	: 9509

### Electrical Characteristics

Nominal Conductor Resistance	: < 86.2 $\Omega$ /km
Insulation Resistance	: > 200M $\Omega$ .M
Capacitance	Core to Core : 98 pF/m $\pm$ 25
	Core to Screen : 164 pF/m $\pm$ 40
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	: 8.5 $\pm$ 0.2mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 104 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)