

**Part Number:** 2425POFYH-E00  
**Description:** 25 x 2 x 24(7)AWG Twenty Five 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	: 25
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, Red/Blue, Red/Yellow, Red/Brown, Red/Orange, Green/White, Green/Blue, Green/Yellow, Green/Brown, Green/Orange, White/Blue, White/Yellow, White/Brown, White/Orange, Blue/Yellow, Blue/Brown, Blue/Orange
Alternative to Belden	: 9525

### Electrical Characteristics

Nominal Conductor Resistance	: < 86.2 Ω/km
Insulation Resistance	: > 200MΩ.M
Capacitance	Core to Core : 98 pF/m ± 25
	Core to Screen : 164 pF/m ± 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	: 12.8 ± 0.3mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 243 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)