

**Part Number:** 2405POFYL-E00  
**Description:** 5 x 2 x 24(7)AWG Five Pair Foil Screened LSF Data Cable



### Construction

Conductor Material	:	Tinned Copper, 24(7)awg
Insulation Material	:	Low Smoke & Fume (LSF)
Number of Pairs	:	5
Overall Screen	:	Aluminium Foil (100% Coverage)
Drain Wire	:	Tinned Copper, 24(7)awg
Outer Sheath Material	:	Low Smoke & Fume (LSF)
Outer Sheath Colour	:	Grey
Core Identification	:	Black/Red, Black/White, Black/Green, Black/Blue, Black/Yellow
Alternative to Belden	:	9505

### 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	:	7.4 ± 0.2mm
Min. Bend Radius	:	10 x OD
Temperature Rating	:	-20°C to +70°C
Weight	:	66 kg/km

### Standards

Flame Retardant	:	BS EN 60332-1-2
RoHS3 Compliant	:	Yes
CE Compliant	:	LVD (2014/35/EU), CPR (305/2011)
CPR Classification	:	Eca (EN50575:2014+A1:2016)