

Part Number: 2425COFYL-E00
Description: 25 x 24(7)AWG Twenty Five Core Foil Screened LSF Data Cable



Construction

Conductor Material	: Tinned Copper, 24(7)awg
Insulation Material	: Low Smoke & Fume (LSF)
Number of Cores	: 25
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, White, Red, Green, Orange, Blue, White/Black, Red/Black, Green/Black, Orange/Black, Blue/Black, Black/White, Red/White, Green/White, Blue/White, Black/Red, White/Red, Orange/Red, Blue/Red, Red/Green, Orange/Green, Black/White/Red, White/Black/Red, Red/Black/White, Green/Black/White
Alternative to Belden	: 9543

Electrical Characteristics

Nominal Conductor Resistance	: < 82.0 Ω/km
Insulation Resistance	: > 200MΩ.M
Capacitance	Core to Core : 98pF/m ± 25
	Core to Screen : 180 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	: 8.6 ± 0.2mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 139 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)