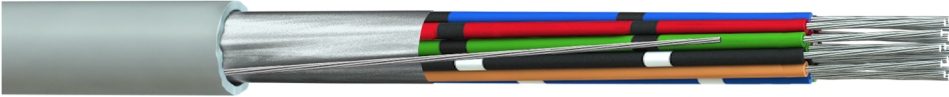


**Part Number:** 2425COFYL-E00  
**Description:** 25 x 24(7)AWG Twenty Five Core Foil Screened LSF Data Cable



### 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)       |