



Technical Datasheet

Part Number: 2450COFY

Description: 50 x 24(7)AWG Fifty Core Foil Screened PVC Data Cable



Construction

Conductor Material : Tinned Copper, 24(7)awg Insulation Material : Polyvinyl Chloride (PVC)

Number of Cores : 50

Overall Screen : Aluminium Foil (100% Coverage)
Drain Wire : Tinned Copper, 24(7)awg
Outer Sheath Material : Polyvinyl Chloride (PVC)

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, Orange/Black/White, Blue/Black/White, Black/Red/Green, White/Red/Green,

Red/Black/Green, Green/Black/Orange, Orange/Black/Green, Blue/White/Orange,

Black/White/Orange, White/Red/Orange, Orange/White/Blue, White/Red/Blue, Black/White/Green, White/Black/Green, Red/White/Green, Green/White/Blue, Orange/Red/Green, Blue/Red/Green, Black/White/Blue, White/Blue, Red/White/Blue, Green/Orange/Red, Orange/Red/Blue,

Blue/Orange/Red, Black/Orange/Red

Alternative to Belden : 9546

Electrical Characteristics

Nominal Conductor Resistance : $< 82.0 \ \Omega/km$ Insulation Resistance :> $200M\Omega.M$ Capacitance Core to Core : $98pF/m \pm 25$ Core to Screen : $180 \ pF/m \pm 40$

Voltage Rating : 450/750V Applies to CE marked FSC branded stock only

Test Voltage : 2.5kV for 5 minutes

Physical Characteristics

 $\begin{array}{lll} \text{Overall Diameter} & : 12.5 \pm 0.2 \text{mm} \\ \text{Min. Bend Radius} & : 10 \times \text{OD} \\ \text{Temperature Rating} & : -20^{\circ}\text{C to +70^{\circ}\text{C}} \\ \text{Weight} & : 238 \text{ kg/km} \\ \end{array}$

Standards

Flame Retardant : BS EN 60332-1-2

RoHS Compliant : Yes

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due to manufacturing changes, technical improvements and commercial factors. We reserve the right to amend the product information without notice or liability.