



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

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

FS Cables Ltd Export Sales 01727 840 841 +44 1727 849 841 sales@fscables.com sales@fscglobal.com

Information and images on this techincal datasheet are intended for guidance only and products may vary due to manufacturing changes, technical improvements and commercial factors. We reserve the right to

www.fscables.com www.fscglobal.com Part Number: 2450COFY

Date: 01/10/2019

Revision: 1.0

Author: GB Checked: GB Page Number: 1 of 1

amend the product information without notice or liability.