



+ WIRE AND CABLE
RIBBON & FLAT CABLE



✓ Active

TE CONNECTIVITY (TE)
171-25G100M=25P 28A
MADISON CABLE | Ribbon Cable - PVC

2-1437357-0
TE Internal Number: 2-1437357-0
Alias ID: 171-25G100M

EU RoHS Compliant
EU ELV Compliant
Number of Conductors 25

Shielded No

Insulation Material PVC

Operating Temperature Range (°C) -20 – 105

Length 100 m [328 ft]

↓ **PRODUCT DRAWING**
English

DOCUMENTATION

Product Drawings
FLAT CABLE 28 AWG STRANDED PVC I
PDF
English

FEATURES

Please review product documents or [contact us](#) for the latest agency approval information.
Please Note: Use the Product Drawing for all design activity.

Product Type Features

Shielded No
Product Classification Cable - Flat Ribbon
Wire/Cable Type Ribbon Cable
Product Type Cable
Product Category Ribbon Cable

Configuration Features

Number of Conductors 25
Number of Strands 7

Electrical Characteristics

Capacitance 46 pF/m [46 pF/ft]
Impedance (Ω) 100
Voltage Rating (V) 300
Current Rating (A) 2
Propagation Delay 4.53 ns/m

Signal Characteristics

Cross Talk (Near End) (%) 5
Cross Talk (Far End) (%) 6.7

Body Features

Jacket Material PVC
Insulation Material PVC
Jacket Color Blue
Conductor Color Blue
Conductor Material Tinned Copper

Housing Features

Centerline 1.27 mm [.05 in]

Dimensions

Length 100 m [328 ft]
Width 31.75 mm [1.25 in]
Height .91 mm [.036 in]
Outside Conductor Spacing 30.48 mm [1.2 in]
Wire Size (AWG) 28
Wire Size (CMA) 278
Wire Size (mm²) .08
Strand Size (AWG) 36
Span 30.48 mm [1.9 in]
Cable Diameter (Major) 37.75 mm [1.25 in]

Usage Conditions

Operating Temperature Range (°C) -20 – 105

Industry Standards

UL Listing AWM Style 2651
Agency/Standard UL

Packaging Features

Packaging Quantity 30.48 m [328.1 ft]

Packaging Method Reel

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF

