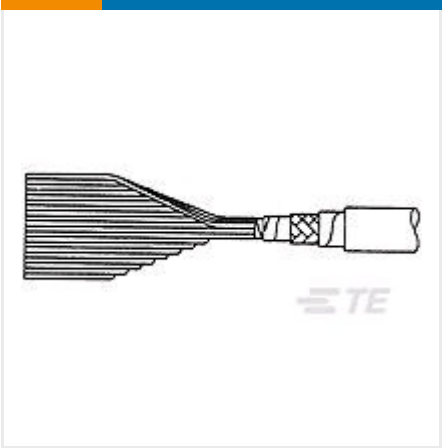




+ WIRE AND CABLE
RIBBON & FLAT CABLE



✓ Active

TE CONNECTIVITY (TE)
301-16-100M=16P 28A
MADISON CABLE | Ribbon Cable - PVC

5-1437373-2
TE Internal Number: 5-1437373-2
Alias ID: 301-16-100M

EU RoHS Compliant
EU ELV Compliant
Number of Conductors 16
Shielded No

Insulation Material PVC
Operating Temperature Range (°C) -40 – 80
Length 100 m [328 ft]

↓ **PRODUCT DRAWING**
English

DOCUMENTATION

Product Drawings

ROUND TO FLAT JACKETED CABLE SHIELDED / UNSHIELDED ANSLEY SERIES 300 / 301
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
Cable Type Round to Flat Cable
Product Type Cable
Product Category Ribbon Cable

Configuration Features

Number of Conductors 16
Number of Strands 7

Electrical Characteristics

Capacitance 81 pF/m [28 pF/ft]
Impedance (Ω) 63
Voltage Rating (V) 300
Current Rating (A) 2
Propagation Delay 4.4 ns/m

Signal Characteristics

Cross Talk (Near End) (%) 3.8
Cross Talk (Far End) (%) 4.8

Body Features

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

Housing Features

Centerline 1.27 mm [.05 in]

Dimensions

Length 100 m [328 ft]
Width 20.32 mm [.8 in]
Height .91 mm [.036 in]
Outside Conductor Spacing 19.05 mm [.75 in]
Wire Size (AWG) 28
Wire Size (CMA) 278
Wire Size (mm²) .08
Strand Size (AWG) 36
Cable Diameter (Minor) (mm) .08
Span 20.32 mm [1.9 in]
Cable Diameter (Major) 7.2 mm [.283 in]

Usage Conditions

Operating Temperature Range (°C) -40 – 80

Industry Standards

UL Listing AWM Style 20267
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