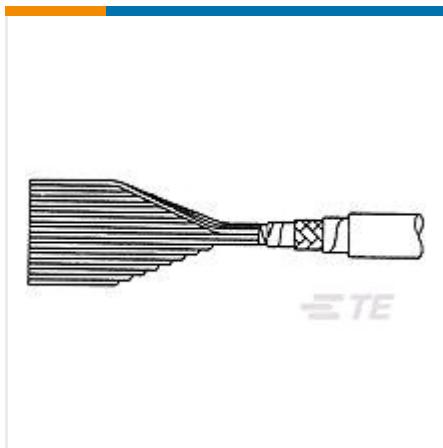




WIRE AND CABLE

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
