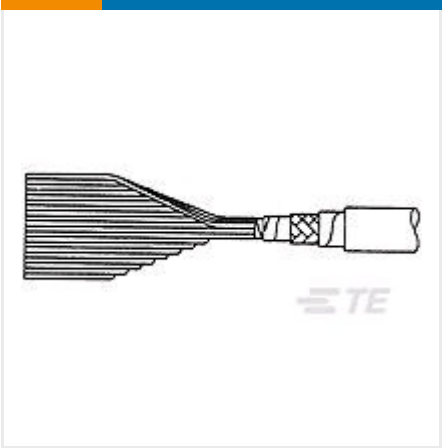




+ WIRE AND CABLE  
RIBBON & FLAT CABLE



✓ Active

TE CONNECTIVITY (TE)  
**301-20-100M=FLAT/RO**  
MADISON CABLE | Ribbon Cable - PVC

5-1437373-4  
TE Internal Number: 5-1437373-4  
Alias ID: 301-20-100M

EU RoHS Compliant  
EU ELV Compliant  
Number of Conductors 20  
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** 20  
**Number of Strands** 7

Electrical Characteristics

**Capacitance (pF/m)** 81  
**Impedance ( $\Omega$ )** 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** 25.4 mm [ 1 in ]  
**Height** .91 mm [ .036 in ]  
**Outside Conductor Spacing** 24.13 mm [ .95 in ]  
**Wire Size (AWG)** 28  
**Wire Size (CMA)** 278  
**Wire Size (mm<sup>2</sup>)** .08  
**Strand Size (AWG)** 36  
**Cable Diameter (Minor) (mm)** .08  
**Span** 25.4 mm [ 1.9 in ]  
**Cable Diameter (Major)** 7.3 mm [ .287 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