



TE Connectivity: Every Connection Counts
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+ WIRE AND CABLE
RIBBON & FLAT CABLE



✓ Active

TE CONNECTIVITY (TE)

Madison Spec 100-4703 Rev. 7

MADISON CABLE | Ribbon Cable - PVC

50WDY00013

TE Internal Number: 57040-6

Alias ID: AMP-0-0057040-6, F11679-000

EU RoHS Compliant

EU ELV Compliant

Number of Conductors 50

Shielded No

Insulation Material PVC

Operating Temperature Range (°C) -20 – 105

Length 30.5 m [100 ft]



PRODUCT DRAWING

English

DOCUMENTATION

Product Drawings

CABLE, PLANAR RIBBON, #28 AWG 7/36 STRANDED

PDF (TIFF AVAILABLE)

English

Catalog Pages/Data Sheets

AMPLIMITE Subminiature D Connectors - Cable Connectors

PDF

English

MTA, CST-100 II, SL-156 And AMP Economy Power (EP) Connectors

PDF
English

IDC Ribbon Cable Brochure

PDF
English

Product Specifications

Product Specification

Multi-Conductor 28 AWG 0.050 Center Flat Cable

PDF
English

Product Environmental Compliance

TE Material Declaration

MD_57040-6_032920161011_dmtec

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 Ribbon Cable
Product Type Cable
Product Category Ribbon Cable

Configuration Features

Number of Conductors 50
Number of Strands 7

Electrical Characteristics

Capacitance 28 pF/ft [44.3 pF/m]
Impedance (Ω) 105
Voltage Rating (V) 30
Propagation Delay 1.45 ns/ft
Current Rating (A) 2

Signal Characteristics

Cross Talk (Far End) (%) 4**Cross Talk (Near End) (%)** 3

Body Features

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

Housing Features

Centerline 1.27 mm [.05 in]

Dimensions

Length 30.5 m [100 ft]**Width** 63.5 mm [2.5 in]**Height** .89 mm [.035 in]**Outside Conductor Spacing** 62.23 mm [2.45 in]**Wire Size (AWG)** 28**Wire Size (CMA)** 175**Wire Size (mm²)** .08**Strand Size (AWG)** 36**Cable Diameter (Minor)** .08 mm [.035 in]**Cable Diameter (Major)** 63.5 mm [2.5 in]**Span** 62.18 mm [1.9 in]

Usage Conditions

Operating Temperature Range (°C) -20 – 105

Industry Standards

UL File Number E345037**UL Listing** AWM Style 2651**Agency/Standard** UL/CSA

Packaging Features

Packaging Quantity 30.48 m [100 ft]**Packaging Method** Reel

Statement of Compliance

Statement of Compliance

PDF

