



RIBBON & FLAT CABLE



✓ Active

↓ **PRODUCT DRAWING**
English

TE CONNECTIVITY (TE)

171-25G=25P 28AWG S

MADISON CABLE | Ribbon Cable - PVC

1-1437357-9

TE Internal Number: 1-1437357-9

Alias ID: 171-25G

Always EU RoHS/ELV Compliant

Number of Conductors **25**

Shielded **No**

Insulation Material **PVC**

Operating Temperature Range (°C) **-20 – 105**

Length **30.5 m [100 ft]**

Product Drawings

FLAT CABLE 28 AWG STRANDED PVC I

PDF
English

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 Category	Ribbon Cable
	Product Type	Cable
Configuration Features	Number of Conductors	25
	Number of Strands	7
Electrical Characteristics	Capacitance	46 pF/ft [46 pF/m]
	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

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

Housing Features

Centerline **1.27 mm [.05 in]**

Dimensions

Length **30.5 m [100 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) **168**
Wire Size (mm²) **.08**
Strand Size (AWG) **36**
Span **30.48 mm [1.2 in]**
Cable Diameter (Major) **31.75 mm [1.25 in]**

Usage Conditions

Operating Temperature Range (°C) **-20 – 105**

Industry Standards

Agency/Standard **UL**
UL Listing **AWM Style 2651**

Packaging Features

Packaging Method **Reel**
Packaging Quantity **30.5 m [100 ft]**

Product Compliance

[Statement of Compliance](#)
PDF

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