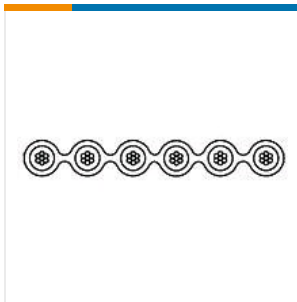




RIBBON & FLAT CABLE



✓ Active

↓ **PRODUCT DRAWING**
English

TE CONNECTIVITY (TE)

171-34G=34P 28AWG S

MADISON CABLE | Ribbon Cable - PVC

5-1437357-5

TE Internal Number: 5-1437357-5

Alias ID: 171-34G

Always EU RoHS/ELV Compliant

Number of Conductors **34**

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

Product Environmental Compliance

TE Material Declaration

MD_5-1437357-5_06232014825_dmtec

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
Cable Type	Ribbon Cable
Product Category	Ribbon Cable
Product Type	Cable

Configuration Features













Number of Conductors	34
Number of Strands	7

Electrical Characteristics

Capacitance	28 pF/ft [46 pF/m]
Impedance (Ω)	100
Voltage Rating (V)	300

	Impedance (Ω)	50
	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	43.18 mm [1.7 in]
	Height	.91 mm [.036 in]
	Outside Conductor Spacing	41.91 mm [1.65 in]
	Wire Size (AWG)	28
	Wire Size (CMA)	278
	Wire Size (mm²)	.08
	Strand Size (AWG)	36
	Cable Diameter (Minor)	.08 mm [.035 in]
	Span	41.91 mm [1.9 in]
	Cable Diameter (Major)	43.18 mm [1.7 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	30.48 m [100 ft]
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

THROUGH-HOLE RESISTORS	SURFACE MOUNT RESISTORS	THROUGH-HOLE RESISTORS	THROUGH-HOLE RESISTORS
			
YR1 0.1% 30R9 YR1B30R9CC	RN 0603 15K4 0.1% 10PPM CUT LENGTH RN73C1J15K4BTG	LR0204 1% 3K6 LR0204F3K6	CFR16 5% 39K CFR16J39K
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