Detailed Specifications & Technical Data

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ENGLISH MEASUREMENT VERSION

9R28026 Flat - Rainbow 9R280XX Series

For more Information please call

1-800-Belden1



General Description:

Belden^s .050" pitch, color-coded PVC flat cable allows for quick identification and circuit tracing, along with easy breakouts for circuit routing, and is designed for mass-termination with standard IDC connectors.

AWC: Total Xumber of Conductor Mareial Total Xumber of Conductors: Total Xumber of Conductors: Tota	vsical Characte		verall)	
Image: State Stat				
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				AWM 20932
	EU Directive 2011	/65/EU (ROH	IS II):	Yes
	EU CE Mark:			Yes

Detailed Specifications & Technical Data





9R28026 Flat - Rainbow 9R280XX Series

		9R28026 Flat - Rainbow 9R280XX Se
EU Directive 2000/53/EC (ELV):	Yes	
EU Directive 2002/95/EC (RoHS):	Yes	
	10/01/2005	
EU RoHS Compliance Date (mm/dd/yyyy):		
EU Directive 2002/96/EC (WEEE):	Yes	
EU Directive 2003/11/EC (BFR):	Yes	
CA Prop 65 (CJ for Wire & Cable):	Yes	
MII Order #39 (China RoHS):	Yes	
Flame Test		
UL Flame Test:	VW-1	
Plenum/Non-Plenum		
Plenum (Y/N):	No	
electrical Characteristics (Overall)		
Nom. Characteristic Impedance:		
Description Impedance (Ohm)		
(GS) 150		
(GSG) 105		
Nom. Inductance: Description Inductance (µH/ft)		
Description Inductance (μH/ft) @ 1 MHz (GS) .29		
@ 1 MHz (GSG) .20		
Nom. Capacitance Conductor to Conductor:		
Description Capacitance (pF/ft)		
@ 1 kHz (GSG) 18		
@ 1 MHz (GS) 10		
@ 1 MHz (GSG) 15		
Nominal Velocity of Propagation:		
Description VP (%)		
72		
Nominal Delay:		
Delay (ns/ft)		
1.40 NS/FT. (GSG)		
Nom. Conductor DC Resistance:		
DCR @ 20°C (Ohm/1000 ft)		
68.2 OHMS/1000 FT. MAX.		
Nom. Attenuation: Freq. (MHz) Attenuation (dB/100 ft.)		
10 2.8		
20 4.8		
30 6.5		
40 8.3		
50 9.8		
60 12		
60 12 70 13		
60 12 70 13 80 14		
60 12 70 13		
60 12 70 13 80 14 90 15.8 100 17		
60 12 70 13 80 14 90 15.8		
60 12 70 13 80 14 90 15.8 100 17 Max. Operating Voltage - UL:		
60 12 70 13 80 14 90 15.8 100 17 Max. Operating Voltage - UL: Voltage 300 V RMS		
60 12 70 13 80 14 90 15.8 100 17 Max. Operating Voltage - UL: Voltage		
60 12 70 13 80 14 90 15.8 100 17 Max. Operating Voltage - UL: Voltage 300 V RMS Max. Recommended Current:		
60 12 70 13 80 14 90 15.8 100 17 Max. Operating Voltage - UL: Voltage 300 V RMS Max. Recommended Current: Current	2,000 V RMS	

ENGLISH MEASUREMENT VERSION

9R28026 Flat - Rainbow 9R280XX Series

Notes (Overall)

Notes: GS=Ground-Signal Mode; GSG=Ground-Signal-Ground Mode

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9R28026 000100	100 FT	3.200 LB	NONE		26 #28 PVC RAINBOW

Revision Number: 3 Revision Date: 10-02-2012

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Mouser Electronics

Authorized Distributor

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