
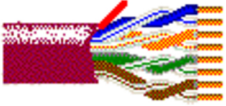


**Product:** [7987R](#) 

NanoSkew™ 4-24 AWG pairs, CMR



### Product Description

NanoSkew™ 24 AWG twisted pairs solid bare copper conductors, non-plenum, polyolefin insulation, skew 2.2ns/100m nominal, rip cord, PVC jacket.

### Technical Specifications

#### Product Overview

Suitable Applications:	Zero Skew, Low Skew, RJ45, UTP Based Video Applications, Not for data transmission requiring TIA/EIA Category qualifications, RGB
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Pairs
24	Solid	BC - Bare Copper	4

Conductor Count:	8
Total Number of Pairs:	4

##### Insulation

<b>Material</b>	
PO - Polyolefin	
Bonded-Pair:	N/A

##### Color Chart

Number	Color
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

##### Outer Shield Material

<b>Material</b>	
No Shield	

##### Outer Jacket Material

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.195 in	Yes

#### Electrical Characteristics

##### Conductor DCR

<b>Max. Conductor DCR</b>	
90 Ohm/km	

##### Impedance

<b>Nominal Characteristic Impedance</b>	
100 Ohm	

##### Delay

**Typical Delay Skew**

0.007 ns/100m

**Voltage****UL Voltage Rating**

300 V RMS

**Temperature Range**

Operating Temp Range: -20°C To +75°C

**Mechanical Characteristics**

Bulk Cable Weight: 18 lbs/1000ft

Max. Pull Tension: 40 lbs

Min Bend Radius/Minor Axis: 0.2 in

**Standards**

NEC/(UL) Compliance: CMR

CEC/C(UL) Compliance: CMG

CPR Euroclass: Eca

**Applicable Environmental and Other Programs**

Environmental Space: Indoor - Riser

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/11/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive 2015/863/EU: Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: No

EU RoHS Compliance Date (yyyy-mm-dd): 2005-01-01

MII Order #39 (China RoHS): Yes

**Suitability**

Suitability - Indoor: Yes

**Flammability, LSOH, Toxicity Testing**

UL Flammability: UL1666 Riser

IEC Flammability: IEC 60332-1-2

UL voltage rating: 300 V RMS

**Plenum/Non-Plenum**

Plenum (Y/N): No

Plenum Number: 7987P

**Part Number****Variants**

Item #	Color	Putup Type	Length	UPC
7987R 059U1000	Maroon	UnReel	1,000 ft	612825192527
7987R 059U1640	Maroon	UnReel	1,640 ft	612825192534

**History**

Update and Revision: Revision Number: 0.278 Revision Date: 04-28-2020

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