

Product: <u>7987R</u> ☑



# 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

# **Physical Characteristics (Overall)**

#### Conductor

AWG	Stranding	Material	No. of Pairs
24	Solid	BC - Bare Copper	4
Conductor Count: 8			
Total N	Number of Pa	airs:	4

### Insulation



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



#### **Outer Jacket Material**

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.195 in	Yes

# **Electrical Characteristics**

#### Conductor DCR



#### Impedance

Nominal Characteristic Impedance
100 Ohm

### Delay

Nominal Velocity of Propagation (VP) [%]	Typical Delay Skew
70%	0.007 ns/100m

#### Voltage

UL Voltage Rating 300 V RMS

# **Temperature Range**

Operating Temp Range:	-20°C To +75°C		
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#### **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		
Outlability inacor.	103		

# Flammability, LS0H, 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 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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