
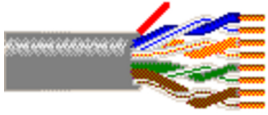


**Product:** [7987P](#) 



NanoSkew™ 4-24 AWG pairs, CMP

## Product Description

NanoSkew™ 24 AWG twisted pairs solid bare copper conductors, FEP insulation, rip cord, Flamarrest® jacket.

## Technical Specifications

### Product Overview

Suitable Applications:	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>	
FEP - Fluorinated Ethylene Propylene	
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	Material Trade Name	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.201 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

**High Freq**

Frequency [MHz]	Max./Min. Input Impedance (unFitted)	Max./Min. Fitted Impedance
1 MHz	100 ± 15	100 ± 15
4 MHz	100 ± 15	100 ± 15
8 MHz	100 ± 15	100 ± 15
10 MHz	100 ± 15	100 ± 15
16 MHz	100 ± 15	100 ± 15
20 MHz	100 ± 15	100 ± 15
25 MHz	100 ± 15	100 ± 15
31.25 MHz	100 ± 15	100 ± 15
62.5 MHz	100 ± 15	100 ± 15
100 MHz	100 ± 15	100 ± 15

**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:	21 lbs/1000ft
Max. Pull Tension:	40 lbs
Min Bend Radius/Minor Axis:	0.2 in

**Standards**

NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP

**Applicable Environmental and Other Programs**

Environmental Space:	Indoor - Plenum
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:	Yes
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-01-01
MII Order #39 (China RoHS):	Yes

**Suitability**

Suitability - Indoor:	Yes
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**Flammability, LS0H, Toxicity Testing**

UL Flammability:	NFPA 262
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

**Plenum/Non-Plenum**

Plenum (Y/N):	Yes
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**Part Number**

Non-Plenum Number:	7987R
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**Variants**

Item #	Color	Putup Type	Length	UPC
7987P 1NDU1000	Maroon 1ND	UnReel	1,000 ft	612825192503

7987P 1NDU1640	Maroon 1ND	UnReel	1,640 ft	612825192510
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## Product Notes

Notes:	Jacket sequentially marked at 2 ft. intervals.
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## History

Update and Revision:	Revision Number: 0.287 Revision Date: 04-28-2020
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