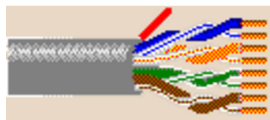


Product: [7987P](#) 



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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Construction Details

Conductor

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

Insulation

Material	Color Code
FEP - Fluorinated Ethylene Propylene	White/Blue Stripe & Blue, White/Orange Stripe & Orange, White/Green Stripe & Green, White/Brown Stripe & Brown

Outer Shield

Material
No Shield

Outer Jacket

Material	Material Trade Name	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.201 in	Yes

Electrical Characteristics

Electricals

Max. Conductor DCR	Nom. Characteristic Impedance
90 Ohm/km (27 Ohm/1000ft)	100 Ohm

Delay

Nom. Velocity of Prop.	Typical Delay Skew
70%	0.007 ns/100m

High Frequency

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

100	100 ± 15	100 ± 15
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Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

Operating
-20°C To +75°C

Bend Radius

Stationary Min.
0.2 in (5.1 mm)

Max. Pull Tension:	40 lbs (18 kg)
Bulk Cable Weight:	21 lbs/1000ft (31 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262
NEC / UL Compliance:	CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	7987R

Product Notes

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

Update and Revision:	Revision Number: 0.383 Revision Date: 09-07-2025
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Part Numbers

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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