

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

Construction Details

Conductor

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

Insulation

Material	Color Code
PO - Polyolefin	White/Blue Stripe & Blue, White/Orange Stripe & Orange, White/Green Stripe & Green, White/Brown Stripe & Brown

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.195 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

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:	18 lbs/1000ft (27 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	7987P

History

Update and Revision:	Revision Number: 0.451 Revision Date: 02-20-2026
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Part Numbers

Variants

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

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