
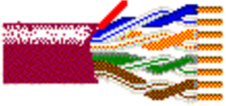


**Product:** [7987R](#) 

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 |
|------------------------|---|

#### 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

|                           |
|---------------------------|
| <b>Typical Delay Skew</b> |
| 0.007 ns/100m             |

#### Voltage

|                          |
|--------------------------|
| <b>UL Voltage Rating</b> |
| 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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