

## 7987R Multi-Conductor - 4-Pair UTP Cable for RGB Video



For more Information  
please call

1-800-Belden1



### General Description:

NanoSkew™ 24 AWG twisted pairs solid bare copper conductors, non-plenum, polyolefin insulation, skew 2.2ns/100m nominal, rip cord, PVC jacket.

### Usage (Overall)

**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:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 4       | 24  | Solid     | BC - Bare Copper   |

**Total Number of Conductors:** 8

#### Insulation

Insulation Material:

| Insulation Material |
|---------------------|
| PO - Polyolefin     |

#### Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded            |

#### Outer Jacket

Outer Jacket Material:

| Outer Jacket Material    |
|--------------------------|
| PVC - Polyvinyl Chloride |

**Outer Jacket Ripcord:** Yes

#### Overall Cable

**Overall Nominal Diameter:** 0.195 in.

#### Pair

Pair Color Code Chart:

| Number | Color                        |
|--------|------------------------------|
| 1      | White/Blue Stripe & Blue     |
| 2      | White/Orange Stripe & Orange |
| 3      | White/Green Stripe & Green   |
| 4      | White/Brown Stripe & Brown   |

### Mechanical Characteristics (Overall)

**Operating Temperature Range:** -20°C To +75°C

**Bulk Cable Weight:** 18 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 40 lbs.

**Min. Bend Radius/Minor Axis:** 0.200 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

**NEC/(UL) Specification:** CMR

**CEC/(UL) Specification:** CMG

**EU Directive 2011/65/EU (ROHS II):** Yes

**EU CE Mark:** No

**EU Directive 2000/53/EC (ELV):** Yes

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|                                       |            |
|---------------------------------------|------------|
| EU Directive 2002/95/EC (RoHS):       | Yes        |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2005 |
| EU Directive 2002/96/EC (WEEE):       | Yes        |
| EU Directive 2003/11/EC (BFR):        | Yes        |
| CA Prop 65 (CJ for Wire & Cable):     | Yes        |
| MIL Order #39 (China RoHS):           | Yes        |

### Flame Test

|                |              |
|----------------|--------------|
| UL Flame Test: | UL1666 Riser |
|----------------|--------------|

### Plenum/Non-Plenum

|                |       |
|----------------|-------|
| Plenum (Y/N):  | No    |
| Plenum Number: | 7987P |

### Electrical Characteristics (Overall)

#### Nom. Characteristic Impedance:

Impedance (Ohm)  
100

#### Nominal Velocity of Propagation:

VP (%)  
70

#### Typical Delay Skew:

Delay Skew (ns/ft)  
0.007

#### Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)  
9

#### Max. Operating Voltage - UL:

Voltage  
300 V RMS

### Put Ups and Colors:

| Item #         | Putup    | Ship Weight | Color  | Notes | Item Desc       |
|----------------|----------|-------------|--------|-------|-----------------|
| 7987R 059U1000 | 1,000 FT | 20.000 LB   | MAROON |       | 4 PR #24 PP PVC |
| 7987R 059U1640 | 1,640 FT | 32.800 LB   | MAROON |       | 4 PR #24 PP PVC |

Revision Number: 2    Revision Date: 09-30-2009

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