

## 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 &amp; Cable): Yes

MIL Order #39 (China RoHS): Yes

## Flame Test

UL Flame Test: UL 1666 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

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