

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

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
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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/C(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
MII 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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