

## 7987P 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, FEP insulation, rip cord, Flamarrest® jacket.

**Usage (Overall)**

Suitable Applications:

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
FEP - Fluorinated Ethylene Propylene

**Outer Shield**

Outer Shield Material:

Outer Shield Material
Unshielded

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride

Outer Jacket Ripcord:

Yes

**Overall Cable**

Overall Nominal Diameter:

0.201 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:

21 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:

CMP

CEC/C(UL) Specification:

CMP

EU Directive 2011/65/EU (RoHS II):

Yes

EU CE Mark:

Yes

EU Directive 2000/53/EC (ELV):

Yes

EU Directive 2002/95/EC (RoHS):

Yes

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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:	NFPA 262
CSA Flame Test:	FT6

## Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	7987R

## 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

## Electrical Characteristics-Premise (Overall)

## Premise Cable Electrical Table 2:

Freq. (MHz)	Input (Unfitted) Imp. (Ohms)	Fitted Impedance
1	100 ± 15	100 ± 15
4	100 ± 15	100 ± 15
8	100 ± 15	100 ± 15
10	100 ± 15	100 ± 15
16	100 ± 15	100 ± 15
20	100 ± 15	100 ± 15
25	100 ± 15	100 ± 15
31.25	100 ± 15	100 ± 15
62.5	100 ± 15	100 ± 15
100	100 ± 15	100 ± 15

## Notes (Overall)

**Notes:** Jacket sequentially marked at 2 ft. intervals.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7987P 1NDU1000	1,000 FT	22.000 LB	MAROON 1ND		4 PR #24 FEP FLRST
7987P 1NDU1640	1,640 FT	36.080 LB	MAROON 1ND		4 PR #24 FEP FLRST

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