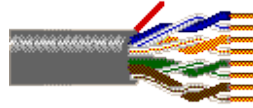


## 7987P Multi-Conductor - 4-Pair UTP Cable for RGB Video



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:** 5.105 mm

#### 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:** 31.252 Kg/Km

**Max. Recommended Pulling Tension:** 177.928 N

**Min. Bend Radius/Minor Axis:** 5.080 mm

## 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
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:	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/m)

0.022

### 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

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

### 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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