# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



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





For more Information please call

1-800-Belden1



# **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 24 Solid BC - Bare Copper

#### 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 (Install)/Minor Axis:	0.200 in.

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# **Applicable Specifications and Agency Compliance (Overall)**

# **Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMP	
CEC/C(UL) Specification:	CMP	
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	
ame Test		
UL Flame Test:	NFPA 262	
enum/Non-Plenum		
Plenum (Y/N):	Yes	

7987R

# **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:

Non-Plenum Number:



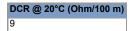
**Nominal Velocity of Propagation:** 



Typical Delay Skew:



**Maximum Conductor DC Resistance:** 



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.

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### **Related Documents:**

No related documents are available for this product

### **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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