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please call

1-800-Belden1



## General Description:

20 AWG triads stranded (19x32) tinned copper conductors, twisted triads, PVC insulation, unshielded, PVC jacket.

## Physical Characteristics (Overall)

### Conductor

AWG:

# Triads	AWG	Stranding	Conductor Material
1	20	19x32	TC - Tinned Copper

Total Number of Conductors: 3

### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	.068

### Inner Shield

Inner Shield Color Code Chart:

Number	Color
1	Black & White & Red

### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.037

Outer Jacket Ripcord: Yes

### Overall Cable

Overall Nominal Diameter: 0.225 in.

## Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

UL Temperature Rating: 105°C

Bulk Cable Weight: 27 lbs/1000 ft.

Max. Recommended Pulling Tension: 46 lbs.

Min. Bend Radius/Minor Axis: 2.250 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: PLTC, ITC, CMG

CEC/(UL) Specification: CMG

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 RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

## 9492 Triad - 300V Power-Limited Tray Cable

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

### Flame Test

UL Flame Test: UL1685 FT4 Loading

C(UL) Flame Test: FT4

IEEE Flame Test: 1202

ICEA Flame Test: T-29-520

### Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: Yes

Suitability - Burial: Yes

Sunlight Resistance: Yes

### Plenum/Non-Plenum

Plenum (Y/N): No

## Surface Printing (Overall)

## Electrical Characteristics (Overall)

### Nom. Inductance:

Inductance (µH/ft)

.19

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

30

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

9.5

### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Max. Recommended Current:

Current

4.8 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9492 060U1000	1,000 FT	31.000 LB	CHROME		3 #20 PVC PVC
9492 060U500	500 FT	16.000 LB	CHROME		3 #20 PVC PVC
9492 0601000	1,000 FT	29.000 LB	CHROME		3 #20 PVC PVC
9492 0602500	2,500 FT	77.500 LB	CHROME	Z	3 #20 PVC PVC
9492 0605000	5,000 FT	155.000 LB	CHROME	C Z	3 #20 PVC PVC

### Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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