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please call

1-800-Belden1



### General Description:

16 AWG triads stranded (19x29) tinned copper conductors, twisted triads, unshielded, PVC insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Triads	AWG	Stranding	Conductor Material
1	16	19x29	TC - Tinned Copper

Total Number of Conductors: 3

#### Insulation

Insulation Material:

Insulation Material
PVC - Polyvinyl Chloride

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.940

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 6.909 mm

#### Pair

Pair Color Code Chart:

Color
Black & Red & White

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Bulk Cable Weight:	72.178 Kg/Km
Max. Recommended Pulling Tension:	467.061 N
Min. Bend Radius/Minor Axis:	69.850 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 105°C)
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

## METRIC MEASUREMENT VERSION

### 9494 Triad - 300V Power-Limited Tray Cable

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

Mil Order #39 (China RoHS): Yes

#### Flame Test

UL Flame Test: UL1685 FT4 Loading

CSA Flame Test: FT4

#### Suitability

Suitability - Burial: Yes

Sunlight Resistance: Yes

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Surface Printing (Overall)

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/m)

0.45934

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

95.149

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

12.1397

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Operating Voltage - Other:

Voltage	Description
20 kV	Nom. breakdown voltage between conductors

#### Max. Recommended Current:

Current

12 Amps per conductor @ 25°C

### Notes (Overall)

Notes: Alternate color coding available upon request.

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9494 060U1000	1,000 FT	48.000 LB	CHROME		3 #16 PVC PVC
9494 060U500	500 FT	24.500 LB	CHROME		3 #16 PVC PVC
9494 0602500	2,500 FT	125.000 LB	CHROME	Z	3 #16 PVC PVC

#### Notes:

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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