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please call

1-800-Belden1



## General Description:

18 AWG triads stranded (19x30) tinned copper conductors, twisted triads, PVC insulation, unshielded, PVC jacket.

## Physical Characteristics (Overall)

### Conductor

AWG:

# Triads	AWG	Stranding	Conductor Material
1	18	19x30	TC - Tinned Copper

Total Number of Conductors: 3

### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

Insulation 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: 0.242 in.

## Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 35.900 lbs/1000 ft.

Max. Recommended Pulling Tension: 39 lbs.

Min. Bend Radius/Minor Axis: 2.400 in.

## 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 80°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
CA Prop 65 (CJ for Wire & Cable):	Yes

## 9493 Triad - 300V Power-Limited Tray Cable

MII Order #39 (China RoHS): Yes

### Flame Test

UL Flame Test: UL1685 UL Loading

CSA Flame Test: FT4

IEEE Flame Test: 1202

### Suitability

Suitability - Burial: Yes

Sunlight Resistance: Yes

### Plenum/Non-Plenum

Plenum (Y/N): No

### Surface Printing (Overall)

Surface Printing: LEGEND: BELDEN 9493 E34972 1TRD18 (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMG---FT4 IEEE 1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

.15

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

31.8

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.96

#### Max. Operating Voltage - UL:

Voltage	Description
300 V RMS	PLTC, CMG
150 V RMS	ITC

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9493 060U1000	1,000 FT	38.000 LB	CHROME		3 #18 PVC PVC
9493 060U500	500 FT	20.000 LB	CHROME		3 #18 PVC PVC
9493 0602500	2,500 FT	97.500 LB	CHROME	Z	3 #18 PVC PVC
9493 0605000	5,000 FT	195.000 LB	CHROME	Z	3 #18 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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