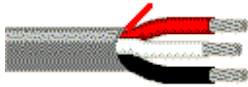


For more Information  
please call

1-800-Belden1



## 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

### Insulation

**Insulation Material:**

Insulation Material
PVC - Polyvinyl Chloride

**Insulation Resistance:** 2500 MegaOhms @ 500 Volts DC/1000 ft.

### 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 (mm)
PVC - Polyvinyl Chloride	0.9398

**Outer Jacket Ripcord:** Yes

### Overall Cabling

**Overall Nominal Diameter:** 6.147 mm

## Mechanical Characteristics (Overall)

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

**Bulk Cable Weight:** 53.426 Kg/Km

**Max. Recommended Pulling Tension:** 275.788 N

**Min. Bend Radius (Install)/Minor Axis:** 57.150 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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

**CEC/C(UL) Specification:** CMG

**AWM Specification:** UL Style 2464 (300 V 80°C)

**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
MII Order #39 (China RoHS):	Yes

### Flame Test

CSA Flame Test:	FT4
IEEE Flame Test:	1202
ICEA Flame Test:	T-29-520

### Suitability

Suitability - Burial:	Yes
Sunlight Resistance:	Yes

### Plenum/Non-Plenum

Plenum (Y/N):	No
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## Surface Printing (Overall)

## Electrical Characteristics (Overall)

### Nom. Inductance:

Inductance (µH/m)
0.49215

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
104.336

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
19.5548

### Max. Operating Voltage - UL:

Voltage	Description
20,000 V RMS	Breakdown between conductors (Short Term)

### Max. Recommended Current:

Current
9 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9493 060U1000	305 MT	17.237 KG	CHROME		3 #18 PVC PVC
9493 060U500	152 MT	9.072 KG	CHROME		3 #18 PVC PVC
9493 0602500	762 MT	44.225 KG	CHROME		3 #18 PVC PVC

Revision Number: 1    Revision Date: 05-14-2007

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

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.



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