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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

Total Number of Conductors: 3

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

#### 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 Cable

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: 173.480 N

Min. Bend Radius/Minor Axis: 60.960 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

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

**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
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**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)	104.336
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**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)	19.5548
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**Max. Operating Voltage - UL:**

Voltage	300 V
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**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
9493 0605000	1,524 MT	88.451 KG	CHROME		3 #18 PVC PVC

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

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