

9493 Triad - 300V Power-Limited Tray Cable

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

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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
MIL 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

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