



Part Number: 9493

300V PLTC, (1 triad) 18 AWG (19x30) TC, PVC/PVC, CMG

[Request Sample](#)

Product Description

One 18 AWG triad stranded (19x30) tinned copper conductors, PVC insulation, PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Triads
Triad	18	19x30	TC - Tinned Copper	1

Conductor Count:	3
Total Number of Pairs:	N/A
Total Number of Triads:	1
Conductor Size:	18 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

Color Chart

Number	Color
1	Black & White & Red

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.257 in	0.037 in	Yes

Construction and Dimensions

Cabling

Filler
Polypropylene Filler

Print Legend: 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

Conductor DCR

Nominal Conductor DCR
5.96 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
31.8 pF/ft

Shielding:	Unshielded
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Inductance

Nominal Inductance

0.15 µH/ft

Voltage

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

Temperature Range

UL Temp Rating:	80°C
Operating Temp Range:	-30°C To +105°C

Mechanical Characteristics

Bulk Cable Weight:	35.9 lbs/1000ft
Max Recommended Pulling Tension:	39 lbs
Min Bend Radius/Minor Axis:	2.4 in

Standards

NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2464 (300 V 80°C)

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT4
IEEE Flammability:	1202
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
9493 0602500	Chrome	Z
9493 0605000	Chrome	Z
9493 060U1000	Chrome	
9493 060U500	Chrome	

Footnote: Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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