

**Part Number:** 9494

300V Power-Limited Tray Cable

## Product Description

16 AWG triads stranded (19x29) tinned copper conductors, twisted triads, unshielded, PVC insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Triads
16	19x29	TC - Tinned Copper	1
Total Number of Conductors:			3

#### Insulation:

Material
PVC - Polyvinyl Chloride

#### Color Chart 1:

Color
Black & Red & White

#### Outersheild 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.268 mm	0.037 mm	Yes

Print Legend:

LEGEND: BELDEN 9494 E34972 1TRD16 (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
3.7 Ohm/km

Capacitance:

Nom. Capacitance Conductor to Conductor
29 pF/m

Current:

Max. Recommended Current [A]
12 Amps per conductor @ 25°C

Inductance:

Nominal Inductance
0.14 µH/m

Voltage:

Description	UL Voltage Rating	Voltage Rating [V]
Nom. breakdown voltage between conductors	300V RMS	20,000 V

Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	105 lbs

Safety

CSA Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

Temperature Range

Operating Temp Range:	-30°C To +105°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.75 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMG
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	CMG^ITC^PLTC
UL AWM Style:	UL Style 2464 (300V 105°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

Notes:	Alternate color coding available upon request.
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