



**Part Number:** 9491  
300V Power-Limited Tray Cable

## Product Description

22 AWG triads stranded (7x30) tinned copper conductors, twisted triads, PVC insulation, unshielded, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Triads
22	7x30	TC - Tinned Copper	1
<b>Total Number of Conductors:</b>			3

#### Insulation:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.062 mm

#### Color Chart 1:

Number	Color
1	Black & White & Red

#### Outersheild 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.208 mm	Yes

<b>Print Legend:</b>	LEGEND: BELDEN 9491 E34972 1TRD22 (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
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## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
15 Ohm/km

### Capacitance:

Nom. Capacitance Conductor to Conductor
26 pF/m

### Current:

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

### Inductance:

Nominal Inductance
0.21 µH/m

### Voltage:

UL Voltage Rating
300V RMS

## Use

<b>Suitability - Burial:</b>	Yes
<b>Suitability - Indoor:</b>	Yes
<b>Suitability - Outdoor:</b>	Yes
<b>Suitability - Sunlight Resistance:</b>	Yes
<b>Max Recommended Pulling Tension:</b>	29 lbs

## Safety

<b>C(UL) Flammability:</b>	FT4
<b>ICEA Flammability:</b>	T-29-520
<b>IEEE Flammability:</b>	1202
<b>UL Flammability:</b>	UL1685 FT4 Loading

## Temperature Range

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

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	2 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:	PLTC^ITC^CMG
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

## History

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