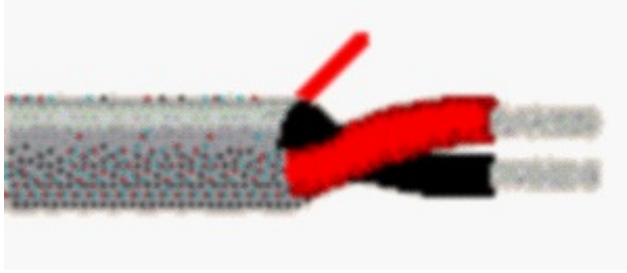


**Part Number:** 9412

300V Power-Limited Tray Cable



## Product Description

12 AWG pairs stranded (65x30) tinned copper conductors, twisted pairs, PVC insulation, unshielded, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
12	65x30	TC - Tinned Copper	1
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.143 mm

#### Color Chart 1:

Number	Color
1	Black & Red

#### Outersield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.37 mm	0.042 mm	Yes

<b>Print Legend:</b>	BELDEN 9412 E34972 1PR12 (UL) CL3R 105C OR PLTC OR ITC SUN RES OR AWM 2464 80C 300V- - - FT4 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET
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## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
1.8 Ohm/km

### Capacitance:

Nom. Capacitance Conductor to Conductor
25 pF/m

### Current:

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

### Inductance:

Nominal Inductance
0.18 µH/m

### Voltage:

Description	UL Voltage Rating	Voltage Rating [V]
Nominal breakdown voltage between conductors	300V RMS	25 K V RMS

## Use

<b>Suitability - Sunlight Resistance:</b>	Yes
<b>Max Recommended Pulling Tension:</b>	197 lbs

## Safety

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

## Temperature Range

<b>Operating Temp Range:</b>	-30°C To +105°C
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## Mechanical Characteristics

Min Bend Radius/Minor Axis:	3.75 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
IEEE Specification:	1202
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	PLTC^ITC^CL3R
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

## History

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