



**Part Number:** 9312

300V PLTC, (1 pr) 12 AWG (65x30) TC, PVC/PVC, Foil Shld

## Product Description

One 12 AWG pair stranded (65x30) tinned copper conductors, PVC insulation, overall Beldfoil® shield (100% coverage), 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 in

#### Color Chart 1:

Number	Color
1	Black & Red

#### Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	14	19x27 mm

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.373 in	0.042 in	Yes

<b>Print Legend:</b>	BELDEN 9312 E34972 1PR12 SHIELDED (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	Nominal Outer Shield DCR
1.8 Ohm/1000ft	30 Ohm/1000ft

### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
25 pF/ft	49 pF/ft

### Current:

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

### Inductance:

Nominal Inductance
0.18 µH/ft

### Voltage:

UL Voltage Rating
300 V RMS

## Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	225 lbs

## Safety

CSA Flammability:	FT4
ICEA Flammability:	T-29-520

IEEE Flammability:	1202
UL Flammability:	UL1685 UL Loading

## Temperature Range

Operating Temp Range:	-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):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
9312 0601000	CHROME	Reel	1000 ft
9312 060500	CHROME	Reel	500 ft

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