

Part Number: 9314

300V PLTC, (1 pr) 14 AWG (42x30) TC, PVC/PVC, Foil Shld

Product Description

One 14 AWG pair stranded (42x30) 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
14	42x30	TC - Tinned Copper	1
Total Number of Conductors:			2

Insulation:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.119 in	0.022 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	16	19x29 mm

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.325 in	0.042 in	Yes

Print Legend:	BELDEN 9314 E34972 1PR14 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
2.6 Ohm/1000ft	4.4 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
27 pF/ft	54 pF/ft

Inductance:

Nominal Inductance
0.18 μ H/ft

Voltage:

UL Voltage Rating
300 V RMS

Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	64 lbs

Safety

CSA Flammability:	FT4
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:	3.25 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
UL AWM Style:	AWM 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
9314 0601000	CHROME	Reel	1000 ft
9314 0605000	CHROME	Reel	5000 ft
9314 060U500	CHROME	UnReel	500 ft

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