



Part Number: 9316

300V PLTC, (1 pr) 16 AWG (19x29) TC, PVC/PVC, Foil Shld, CMG

Product Description

One 16 AWG pair stranded (19x29) 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
16	19x29	TC - Tinned Copper	1
Total Number of Conductors:			2

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.016 in

Color Chart 1:

Number	Color
1	Black & Red

Stranding:

Lay Length
2.75 in

Innershield:

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	18	19x30 mm
				TC - Tinned Copper	

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.256 in	0.037 in	Yes

Print Legend:	LEGEND: BELDEN 9316 E34972 1PR16 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:

Individual Pair Nominal Shield DCR	Nominal Conductor DCR
5.7 Ohm/1000ft	4.2 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
68 pF/ft	121 pF/ft

Inductance:

Nominal Inductance
0.16 µH/ft

Voltage:

UL Voltage Rating
300 V RMS

Use

Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	40 lbs

Safety

CSA Flammability:	FT4
IEEE Flammability:	1202
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:	2.56 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:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	Yes
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
9316 06010000	CHROME	Reel	10000 ft
9316 0601000	CHROME	Reel	1000 ft
9316 0605000	CHROME	Reel	5000 ft
9316 060U1000	CHROME	UnReel	1000 ft
9316 060U500	CHROME	UnReel	500 ft

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