



Part Number: 9365

300V PLTC, (1 triad) 18 AWG (19x30) TC, PVC/PVC, Foil Shld, TC

[Request Sample](#)

Product Description

One 18 AWG triad stranded (19x30) tinned copper conductors, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Triads
Triad	18	19x30	TC - Tinned Copper	1

Conductor Count:	3
Total Number of Pairs:	N/A
Total Number of Triads:	1
Conductor Size:	18 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

Color Chart

Number	Color
1	Black & White & Red

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	20	19x32 mm

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.260 in	0.037 in	Yes

Construction and Dimensions

Cabling

Filler
Polypropylene Filler

Print Legend: LEGEND: BELDEN 9365 E34972 1TRD18 (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

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
5.86 Ohm/1000ft	9.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
54 pF/ft	101 pF/ft

Shielding: Foil(s) or Copper Tape(s)

Inductance

Nominal Inductance

0.17 µH/ft

Impedance

Nominal Characteristic Impedance

45 Ohm

Voltage

UL Description

PLTC, CMG

300 V RMS

ITC

150 V RMS

Temperature Range

UL Temp Rating: 80°C

Operating Temp Range: -30°C To +105°C

Mechanical Characteristics

Bulk Cable Weight: 39 lbs/1000ft

Max Recommended Pulling Tension: 39 lbs

Min Bend Radius/Minor Axis: 2.5 in

Standards

NEC/(UL) Specification: CMG, ITC-ER, PLTC-ER

CEC/C(UL) Specification: CMG

UL AWM Style: UL Style 2464 (300 V 80°C)

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive 2015/863/EU: Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-04-01

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Suitability

Suitability - Burial: Yes

Suitability - Sunlight Resistance: Yes

Flammability, LSOH, Toxicity Testing

UL Flammability: UL1685 UL Loading

CSA Flammability: FT4

IEEE Flammability: 1202

UL voltage rating: 300 V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number

Variants

Item #	Color	Footnote
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9365 0601000	Chrome	C
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9365 0602500	Chrome	Z
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9365 0605000	Chrome	C
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9365 060U1000	Chrome	
9365 060U500	Chrome	

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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