

## 9366 Triad - 300V Power-Limited Tray Cable

For more Information  
please call

1-800-Belden1

**General Description:**

16 AWG triads stranded (19x29) tinned copper conductors, twisted triads, overall Beldfoil® shield (100% coverage), PVC insulation, PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Triads	AWG	Stranding	Conductor Material
1	16	19x29	TC - Tinned Copper

Total Number of Conductors: 3

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.406

**Inner Shield****Inner Shield Material:**

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100.000

**Inner Shield Drain Wire AWG:**

AWG	Stranding	Conductor Material
18	19x30	TC-Tinned Copper

**Inner Shield Color Code Chart:**

Color
Black, White, and Red

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.940

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 7.315 mm

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -30°C To +105°C

Bulk Cable Weight: 78.875 Kg/Km

Max. Recommended Pulling Tension: 173.480 N

Min. Bend Radius/Minor Axis: 69.850 mm

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

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

CEC/C(UL) Specification: CMG

## 9366 Triad - 300V Power-Limited Tray Cable

AWM Specification: UL Style 2464 (300 V 105°C)

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

EU CE Mark: Yes

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

EU Directive 2002/95/EC (RoHS): Yes

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

EU Directive 2002/96/EC (WEEE): Yes

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

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

MII Order #39 (China RoHS): Yes

**Flame Test**

UL Flame Test: UL1685 Vertical Tray Flame Test

CSA Flame Test: FT4

IEEE Flame Test: 1202

**Suitability**

Sunlight Resistance: Yes

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Surface Printing (Overall)**

Surface Printing: LEGEND: BELDEN 9366 E34972 1TRD16 (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 (Overall)****Nom. Inductance:**

Inductance (μH/m)

0.511836

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)

219.827

**Nom. Capacitance Cond. to Other Conductor & Shield:**

Capacitance (pF/m)

394.704

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)

13.780

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/km)

19.227

**Max. Operating Voltage - UL:**

Voltage

300 V RMS

**Notes (Overall)**

Notes: Alternate color coding available upon request.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9366 060U500	500 FT	31.000 LB	CHROME		3 #16 PVC FS PVC

## METRIC MEASUREMENT VERSION

## 9366 Triad - 300V Power-Limited Tray Cable

9366 0601000	1,000 FT	62.000 LB	CHROME		3 #16 PVC FS PVC
9366 0605000	5,000 FT	315.000 LB	CHROME	Z	3 #16 PVC FS PVC

**Notes:**

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

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