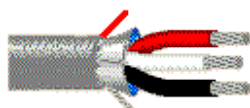


For more Information
please call

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.

Revision Number: 5 Revision Date: 07-05-2016

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