

9364 Triad - 300V Power-Limited Tray Cable

For more Information
please call

1-800-Belden1



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**General Description:**

20 AWG triads stranded (19x32) tinned copper conductors, twisted triads, PVC insulation, overall Beldfoil® shield (100% coverage), PVC Jacket.

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

# Triads	AWG	Stranding	Conductor Material
1	20	19x32	TC - Tinned Copper

Total Number of Conductors: 3

Insulation**Insulation Material:**

Insulation Material	Dia. (mm)
PVC - Polyvinyl Chloride	1.7272

Inner Shield**Inner Shield Color Code Chart:**

Number	Color
1	Black & White & Red

Outer Shield**Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	19x34	TC - Tinned Copper

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.9398

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 5.664 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 105°C

Bulk Cable Weight: 46.134 Kg/Km

Max. Recommended Pulling Tension: 204.617 N

Min. Bend Radius/Minor Axis: 57.150 mm

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

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NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°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 FT4 Loading
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Surface Printing (Overall)

Surface Printing:	LEGEND: BELDEN 9364 E34972 1TRD20 (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
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/m)
0.62339

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
180.455

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
98.43

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
31.1695

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
21.3265

Max. Operating Voltage - UL:

Voltage
300

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Max. Recommended Current:

Current

4.8 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9364 060U1000	1,000 FT	33.000 LB	CHROME		3 #20 PVC FS PVC
9364 060U500	500 FT	17.000 LB	CHROME		3 #20 PVC FS PVC
9364 06010000	10,000 FT	330.000 LB	CHROME	C	3 #20 PVC FS PVC
9364 0602500	2,500 FT	85.000 LB	CHROME	Z	3 #20 PVC FS PVC
9364 0605000	5,000 FT	165.000 LB	CHROME	C	3 #20 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

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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