

For more Information
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1-800-Belden1



General Description:

20 AWG triads stranded (19x32) tinned copper conductors, twisted triads, PVC insulation, unshielded, 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 Material
Unshielded

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: 5.715 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 105°C

Bulk Cable Weight: 40.181 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

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

CEC/C(UL) Specification: CMG

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
ICEA Flame Test:	T-29-520

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 9492 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

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)
0.62339

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
98.43

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
31.1695

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
4.8 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9492 060U1000	1,000 FT	31.000 LB	CHROME		3 #20 PVC PVC
9492 060U500	500 FT	16.000 LB	CHROME		3 #20 PVC PVC
9492 0601000	1,000 FT	29.000 LB	CHROME		3 #20 PVC PVC
9492 0602500	2,500 FT	77.500 LB	CHROME	Z	3 #20 PVC PVC

METRIC MEASUREMENT VERSION

9492 Triad - 300V Power-Limited Tray Cable

9492 0605000	5,000 FT	155.000 LB	CHROME	C Z	3 #20 PVC PVC
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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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