

9408 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information
please call

1-800-Belden1

**General Description:**

20 AWG pairs stranded (19x32) tinned copper conductors, twisted pairs, PVC insulation, unshielded, PVC jacket.

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

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

Total Number of Conductors: 2

Insulation**Insulation Material:**

Insulation Material	Dia. (mm)
PVC - Polyvinyl Chloride	1.753

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 Cabling Lay Length & Direction:**

Direction
Left-hand Lay

Overall Nominal Diameter: 5.537 mm

Pair**Pair Color Code Chart:**

Number	Color
1	Black & Red

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 34.229 Kg/Km

Max. Recommended Pulling Tension: 137.894 N

Min. Bend Radius/Minor Axis: 50.800 mm

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

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

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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

MIL 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

Sunlight Resistance: Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Surface Printing (Overall)

Surface Printing: LEGEND: BELDEN 9408 E34972 1PR20 (UL) CMG 105C OR PLTC OR ITC
 SUN RES 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 ($\mu\text{H/m}$)

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

Max. Operating Voltage - UL:

Voltage

300 V RMS (PLTC)

CMG)

150 V RMS (ITC)

Max. Recommended Current:

Current

7.6 Amps per conductor @ 25°C

Put Ups and Colors:

METRIC MEASUREMENT VERSION

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
9408 060U1000	1,000 FT	23.000 LB	CHROME		2 #20 PVC PVC
9408 060U500	500 FT	12.000 LB	CHROME		2 #20 PVC PVC
9408 0602500	2,500 FT	57.500 LB	CHROME	Z	2 #20 PVC PVC
9408 0605000	5,000 FT	140.000 LB	CHROME	C Z	2 #20 PVC 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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