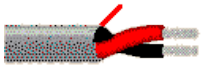
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

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. (in.)
PVC - Polyvinyl Chloride	0.069

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.037

Outer Jacket Ripcord:	Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Direction
Left-hand Lay

Overall Nominal Diameter:	0.218 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Bulk Cable Weight:	23 lbs/1000 ft.
Max. Recommended Pulling Tension:	31 lbs.
Min. Bend Radius/Minor Axis:	2 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

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 (µH/ft)
.19

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
55

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
30

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
9.5

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:

No put ups and colors are available for this product

Revision Number: 2 Revision Date: 10-28-2014