Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8408 Multi-Conductor - Two-Conductor, Low-Impedance Cable



For more Information please call

1-800-Belden1



Description:

16 AWG stranded (65x34) high-conductivity tinned copper conductors, EPDM rubber insulation, rayon braid, tinned copper braid shield (85% coverage), cotton wrap, CSPE - Chlorosulphonated Polyethylene heavy-duty jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
2	16	65x34	TC - Tinned Copper	.059

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
EPDM - Ethylene Propylene Diene Monomer Rubber	.037	.133

Outer Shield

Outer Shield Material:

	Outer Shield Material	_ , ,
Braid	TC - Tinned Copper	85

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
CSPE - Chlorosulphonated Polyethylene	0.040

Overall Cabling

Overall Cabling Color Code Chart:

Nι	ımber	Color
1		Black
2		White

Overall Nominal Diameter: 0.380 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +60°C
Non-UL Temperature Rating:	60°C
Bulk Cable Weight:	93 lbs/1000 ft.
Max. Recommended Pulling Tension:	150 lbs.
Min. Bend Radius (Install)/Minor Axis:	3.800 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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):	01/01/2004

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	Plenum (Y/N):	No
Ple	enum/Non-Plenum	
	UL Flame Test:	VW-1
Fla	ame Test	
	MII Order #39 (China RoHS):	Yes
	CA Prop 65 (CJ for Wire & Cable):	Yes
	EU Directive 2003/11/EC (BFR):	Yes
	EU Directive 2002/96/EC (WEEE):	Yes

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm) 59

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
30

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
55

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 2.4

Max. Operating Voltage - Non-UL:

Voltage 600 V RMS

Max. Recommended Current:

Current 5.6 Amps per conductor @ 25°C (10°C Rise)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8408 001500	500 FT	50.000 LB	BROWN	С	2 #16 EPDM BRD CSM

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 01-07-2011

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the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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