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:

Type	Outer Shield Material	Coverage (%)
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:

Number	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

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:	VW-1

Plenum/Non-Plenum

Plenum (Y/N):	No

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	C	2 #16 EPDM BRD CSM

Notes:
C = CRATE REEL PUT-UP.

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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
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- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
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- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.

Как с нами связаться

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