

8208 Multi-Conductor - Audio, Control and Instrumentation Cable

For more Information
please call

1-800-Belden1



Description:

Overall braid, 18 AWG stranded (16x30) tinned copper conductors, rubber insulation, twisted pair, separator + TC braid shield (73% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	18	16x30	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
Rubber	.022

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	73

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.025

Overall Cable

Overall Cabling Separator Material: Polyester Tape

Overall Nominal Diameter: 0.257 in.

Pair

Pair Color Code Chart:

Number	Color
1	Red & White

Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
2	6

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 36 lbs/1000 ft.

Max. Recommended Pulling Tension: 69 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.600 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark: Yes

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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
MIL Order #39 (China RoHS):	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
44

Nom. Inductance:

Inductance (µH/ft)
0.20

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
46

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
77

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

Max. Operating Voltage - Non-UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
5.2 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8208 060U1000	1,000 FT	42.000 LB	CHROME		1 PR #18 EPDM SHLD FRPVC
8208 060U500	500 FT	21.500 LB	CHROME		1PR #18 EPDM SHLD FRPVC
8208 060100	100 FT	4.700 LB	CHROME		1PR #18 EPDM SHLD FRPVC
8208 0601000	1,000 FT	43.000 LB	CHROME	C	1 PR #18 EPDM SHLD FRPVC
8208 060500	500 FT	21.500 LB	CHROME	C	1PR #18 EPDM SHLD FRPVC

Notes:

C = CRATE REEL PUT-UP.

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