

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 (mm)
Rubber	0.5588

#### 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 (mm)
PVC - Polyvinyl Chloride	0.635

#### Overall Cabling

Overall Cabling Separator Material: Polyester Tape

Overall Nominal Diameter: 6.528 mm

#### Pair

Pair Color Code Chart:

Number	Color
1	Red & White

Pair Lay Length & Direction:

Lay Length (cm)	Twists/ft. (twist/m)
5.08	6

### Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 53.575 Kg/Km

Max. Recommended Pulling Tension: 306.926 N

Min. Bend Radius (Install)/Minor Axis: 66.040 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU CE Mark: Yes

METRIC MEASUREMENT VERSION

## 8208 Multi-Conductor - Audio, Control and Instrumentation Cable

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
---------------	----

### Electrical Characteristics (Overall)

#### Nom. Characteristic Impedance:

Impedance (Ohm)
44

#### Nom. Inductance:

Inductance (µH/m)
0.6562

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
150.926

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)
252.637

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
21.3265

#### 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	305 MT	19.051 KG	CHROME		1 PR #18 EPDM SHLD FRPVC
8208 060U500	152 MT	9.752 KG	CHROME		1PR #18 EPDM SHLD FRPVC
8208 060100	30 MT	2.132 KG	CHROME		1PR #18 EPDM SHLD FRPVC
8208 0601000	305 MT	19.505 KG	CHROME	C	1 PR #18 EPDM SHLD FRPVC
8208 060500	152 MT	9.072 KG	CHROME	C	1PR #18 EPDM SHLD FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 09-18-2008

© 2011 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

## 8208 Multi-Conductor - Audio, Control and Instrumentation Cable

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and 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.