Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

8205 Multi-Conductor - High-Conductivity Copper Speaker Cable Twisted Jacketed Con

For more Information please call

1-800-Belden1

General Description:

20 AWG stranded (7x28) tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	20	7x28	TC - Tinned Copper

Total Number of Conductors:	2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.015

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

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

Overall Cable

Overall Nominal Diameter:	0.180 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
Bulk Cable Weight:	16 lbs/1000 ft.
Max. Recommended Pulling Tension:	28 lbs.
Min. Bend Radius/Minor Axis:	2 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
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

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UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
24.5

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.0

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
3.7 Amps per conductor @ 20°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8205 060U1000	1,000 FT	100.000 LB	CHROME		1 PR #20 PVC FRPVC
8205 060U500	500 FT	9.500 LB	CHROME		1 PR #20 PVC FRPVC
8205 060100	100 FT	10.600 LB	CHROME		1 PR #20 PVC FRPVC
8205 0601000	1,000 FT	101.000 LB	CHROME	C	1 PR #20 PVC FRPVC
8205 060500	500 FT	50.500 LB	CHROME		1 PR #20 PVC FRPVC
8205 0605000	5,000 FT	500.000 LB	CHROME		1 PR #20 PVC FRPVC

Notes:
C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-16-2012

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