Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

8445 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1

Description:

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
5	22	7x30	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.032

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)
3.00

Overall Cabling Color Code Chart:

Color
Black
White
Red
Green
Brown

Overall Nominal Diameter:	0.194 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2576)
Bulk Cable Weight:	21.600 lbs/1000 ft.
Max. Recommended Pulling Tension:	46 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.900 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG

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CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2576 (150 V 80°C)
CSA Specification:	FT4
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

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
.17

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
34

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
15.6

Max. Operating Voltage - UL:

Voltage
300 V RMS (CMG)
150 V RMS (UL AWM Style 2576)

Max. Recommended Current:

Current
2.4 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
8445 060U1000	1,000 FT	25.000 LB	CHROME		5 #22 PVC PVC
8445 060U500	500 FT	13.500 LB	CHROME		5 #22 PVC PVC
8445 060100	100 FT	3.200 LB	CHROME		5 #22 PVC PVC
8445 0601000	1,000 FT	26.000 LB	CHROME	C	5 #22 PVC PVC
8445 060500	500 FT	13.500 LB	CHROME	C	5 #22 PVC PVC
8445 0605000	5,000 FT	130.000 LB	CHROME		5 #22 PVC PVC

Notes:
C = CRATE REEL PUT-UP.

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