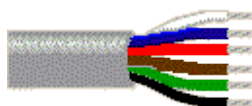


8457 Multi-Conductor - Audio, Control and Instrumentation Cable



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
12	22	7x30	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.8128

Overall Cabling**Overall Cabling Lay Length & Direction:**

Length (mm)
82.803674

Overall Cabling Color Code Chart:

Color
White
Black
Blue
Brown
Green
Gray
Orange
Purple
Red
Pink
Tan
Yellow

Overall Nominal Diameter: 6.909 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 80°C (UL AWM Style 2576)

Bulk Cable Weight: 72.475 Kg/Km

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Max. Recommended Pulling Tension:	489.302 N
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Min. Bend Radius (Install)/Minor Axis:	67.310 mm
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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
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CEC/C(UL) Specification:	CMG
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AWM Specification:	UL Style 2576 (150 V 80°C)
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CSA Specification:	FT4
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Plenum/Non-Plenum

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

Nom. Inductance:

Inductance (µH/m)

0.55777

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

111.554

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

51.1836

Max. Operating Voltage - UL:

Voltage

300 V RMS (CMG)

150 V RMS (UL AWM Style 2576)

Max. Recommended Current:

Current

2.1 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
8457 060U1000	305 MT	22.226 KG	CHROME		12 #22 PVC PVC
8457 060U500	152 MT	11.340 KG	CHROME		12 #22 PVC PVC
8457 060100	30 MT	2.449 KG	CHROME		12 #22 PVC PVC
8457 0601000	305 MT	23.133 KG	CHROME	C	12 #22 PVC PVC
8457 060500	152 MT	11.567 KG	CHROME	C	12 #22 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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

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