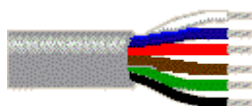


## 8457 Multi-Conductor - Audio, Control and Instrumentation Cable



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

## 8457 Multi-Conductor - Audio, Control and Instrumentation Cable

Max. Recommended Pulling Tension: 489.302 N

Min. Bend Radius (Install)/Minor Axis: 67.310 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
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/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.

## 8457 Multi-Conductor - Audio, Control and Instrumentation Cable

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