Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



8740 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



General Description:

22 AWG solid tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	22	Solid	TC - Tinned Copper

Total Number of Conductors: 2

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:

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

Overall Cable

Overall Nominal Diameter: 3.962 mm

Pair

Pair Color Code Chart:



Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C	
UL Temperature Rating:	80°C (UL AWM Style 2576)	
Bulk Cable Weight:	17.858 Kg/Km	
Max. Recommended Pulling Tension:	66.723 N	
Min. Bend Radius/Minor Axis:	44.450 mm	

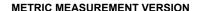
Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2576 (150 V 80°C)
EU Directive 2011/65/EU (ROHS II):	Yes

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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	
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/m) 98.43

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 54.1365

Max. Operating Voltage - UL:

Voltage	Description		
300 V RMS	CMG		
150 V RMS	UL AWM Style 2576		

Max. Recommended Current:

Current
2.8 Amps per conductor @ 20°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc	
8740 060U1000	305 MT	6.350 KG	CHROME		#22 TW PR PVC	\neg
8740 060U500	152 MT	3.402 KG	CHROME		#22 TW PR PVC	

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