



Part Number: 8740

Audio/Control/Instrumentation, (1 pr) 22 AWG Solid TC, PVC/PVC, CMG

[Request Sample](#)

Product Description

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

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
22	Solid	TC - Tinned Copper	1

Conductor Count:	2
Total Number of Pairs:	1
Conductor Size:	22 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

Color Chart

Number	Color
1	Black & Red

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.156 in	0.032 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	
30 pF/ft	
Shielding:	Unshielded

Current

Max. Recommended Current [A]
2.8 Amps per conductor @ 20°C

Voltage

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

Temperature Range

UL Temp Rating:	80°C (UL AWM Style 2576)
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	12 lbs/1000ft
Max Recommended Pulling Tension:	15 lbs
Min Bend Radius/Minor Axis:	1.75 in

Standards

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2576 (150 V 80°C)
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
UL voltage rating:	300 V RMS (CMG)

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color
8740 060U1000	Chrome
8740 060U500	Chrome

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