



**Part Number: 8741**

Audio/Control/Instrumentation, (2 pr) 22 AWG PVC/PVC, CMG

## Product Description

Two 22 AWG pairs 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	2

Conductor Count:	4
Total Number of Pairs:	2
Conductor Size:	22 AWG

#### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

#### Color Chart

Number	Color
1	Black & Red
2	Black & White

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.23 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
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#### Current

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

#### Voltage

UL Description	UL Voltage Rating
CMG	300 V RMS

UL AWM Style 2576	150 V RMS
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## Temperature Range

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

## Mechanical Characteristics

Bulk Cable Weight:	23 lbs/1000ft
Max Recommended Pulling Tension:	30 lbs
Min Bend Radius/Minor Axis:	2.5 in

## Standards

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

## 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, LS0H, Toxicity Testing

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

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	88741 or 82741 (Stranded conductors)

## Part Number

### Variants

Item #	Color	Footnote
8741 0601000	Chrome	C
8741 0605000	Chrome	C
8741 060U1000	Chrome	
8741 060U500	Chrome	

Footnote:	C - CRATE REEL PUT-UP.
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