



Part Number: 8456

Audio/Control/Instrumentation, (10) 22 AWG (7x30) TC, PVC/PVC, CMG

[Request Sample](#)

Product Description

Ten 22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	10

Conductor Count:	10
Conductor Size:	22 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

Color Chart

Color
Black
White
Red
Green
Brown
Blue
Orange
Yellow
Purple
Gray

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.264 in	0.032 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
15.6 Ohm/1000ft

Capacitance

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

Inductance

Nominal Inductance

0.17 µH/ft

Current

Max. Recommended Current [A]

2.1 Amps per conductor @ 25°C

Voltage

UL Description

CMG

300 V RMS

UL AWM 2576

150 V RMS

Temperature Range

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

Operating Temp Range: -20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight: 41 lbs/1000ft

Max Recommended Pulling Tension: 88 lbs

Min Bend Radius/Minor Axis: 2.75 in

Standards

NEC/(UL) Specification: CMG

CEC/C(UL) Specification: CMG

UL AWM Style: UL Style 2576 (150 V 80°C)

CSA AWM Specification: FT4

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, LS0H, Toxicity Testing

UL Flammability: UL1685 FT4 Loading

CSA Flammability: FT4

UL voltage rating: 300 V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number

Variants

Item #	Color	Footnote
8456 060100	Chrome	
8456 0601000	Chrome	C
8456 060500	Chrome	
8456 0605000	Chrome	
8456 060U1000	Chrome	
8456 060U500	Chrome	

Footnote: C - CRATE REEL PUT-UP.

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