



Part Number: 8457

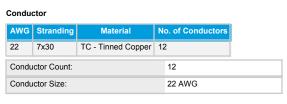
Audio/Control/Instrumentation, (12) 22 AWG (7x30) TC, PVC/PVC, CMG

Product Description

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

Technical Specifications

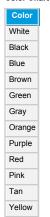
Physical Characteristics (Overall)



Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

Color Chart



Outer Shield Material



Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.272 in	0.032 in

Electrical Characteristics

Conductor DCR



Capacitance

Nom. Capacitance Conductor to Conductor 34 pF/ft

	Shielding:	Unshielded	
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Inductance

Nominal Inductance

0.17 µH/ft

Current

Max. Recommended Current [A]

2.1 Amps per conductor @ 25°C

Voltage

UL Description	UL Voltage Rating
CMG	300 V RMS
UL AWM Style 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:	47 lbs/1000ft
Max Recommended Pulling Tension:	110 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
8457 060100	Chrome	
8457 0601000	Chrome	С
8457 060500	Chrome	С
8457 0605000	Chrome	С
8457 060U1000	Chrome	
8457 060U500	Chrome	

Footnote: C - CRATE REEL PUT-UP.

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