



Product: [8458](#)

Electronic, 15 C #22 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 15 Conductor 22AWG (7x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); line level audio; voice communications; panel wiring
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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	22	7x30	TC - Tinned Copper	15

Conductor Count:	15
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Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	PVC - Polyvinyl Chloride	0.011 in

Color Chart

Color
Black
White
Red
Green
Orange
Blue
White/Black
Red/Black
Green/Black
Orange/Black
Blue/Black
Black/White
Red/White
Green/White
Blue/White

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.315 in	0.04 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
15.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

34 pF/ft

Inductance

Nominal Inductance

0.17 µH/ft

Current

Max. Recommended Current [A]

2.1 Amps per conductor @ 25°C

Voltage

UL Voltage Rating

300 V RMS (CMG)

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: 64 lbs/1000ft

Max Recommended Pulling Tension: 135 lbs

Min Bend Radius/Minor Axis: 3.25 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

MII Order #39 (China RoHS): Yes

Flammability, LSOH, Toxicity Testing

UL Flammability: UL1685 FT4 Loading

CSA Flammability: FT4

ISO/IEC Flammability: IEC 60332-1-2

UL voltage rating: 300 V RMS (CMG)

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8458 060100	Chrome	Reel	100 ft	612825208037
8458 060500	Chrome	Reel	500 ft	612825208051
8458 0601000	Chrome	Reel	1,000 ft	612825208044
8458 0605000	Chrome	Reel	5,000 ft	612825208068

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.289 Revision Date: 05-11-2020
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