



**Product:** [8445](#)

Electronic, 5 C #22 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

**Product Description**

Electronic, 5 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	5

Conductor Count:	5
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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
Brown

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.194 in	0.032 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 $\mu$ H/ft

**Current**

Max. Recommended Current [A]
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2.4 Amps per conductor @ 25°C

#### Voltage

UL Description	UL Voltage Rating
CMG	300 V
UL AWM 2576	150 V

#### Temperature Range

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

#### Mechanical Characteristics

Bulk Cable Weight:	24 lbs/1000ft
Max Recommended Pulling Tension:	46 lbs
Min Bend Radius/Minor Axis:	2 in

#### Standards

NEC Articles:	800
NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	2576
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

#### Suitability

Suitability - Indoor:	Yes
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#### Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V (CMG), 150 V UL AWM 2576)

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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#### Part Number

#### Variants

Item #	Color	Putup Type	Length	UPC
8445 060100	Chrome	Reel	100 ft	612825207481
8445 060500	Chrome	Reel	500 ft	612825207504
8445 060U500	Chrome	UnReel	500 ft	612825207474
8445 0601000	Chrome	Reel	1,000 ft	612825207498
8445 0605000	Chrome	Reel	1,000 ft	612825207511
8445 060U1000	Chrome	UnReel	1,000 ft	612825207467

Footnote:	C - CRATE REEL PUT-UP.
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#### History

Update and Revision:	Revision Number: 0.296 Revision Date: 05-19-2020
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