



Part Number: 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**

## **Physical Characteristics (Overall)**

# Conductor AWG Stranding Material No. of Conductors 22 7x30 TC - Tinned Copper 5 Conductor Count: 5

#### insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

#### **Color Chart**



#### **Outer Shield Material**



#### **Outer Jacket Material**

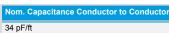
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.194 in	0.032 in

#### **Electrical Characteristics**

#### **Conductor DCR**

Nominal Conductor DCR 15.6 Ohm/1000ft

#### Capacitance



#### Inductance



#### Current

## Max. Recommended Current [A]

2.4 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:	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
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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
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

1 icham (1/14).	Ī	Plenum (Y/N):	No
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#### **Part Number**

#### Variants

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

# Footnote: C - CRATE REEL PUT-UP.

## History

Update and Revision: Revision Num	umber: 0.282 Revision Date: 08-22-2019
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