


**Product: [8443](#)**
**Electronic, 3 C #22 Str TC, PVC Ins, PVC Jkt, CMG**
[Request Sample](#)

### Product Description

Electronic, 3 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	3

Conductor Count: 3

##### Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.011 in

##### Color Chart

Color
Black
Red
Green

##### Outer Shield Material

Material
Unshielded

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.172 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]
2.9 Amps per conductor @ 25°C

## Voltage

UL Voltage Rating	
150 V RMS (UL AWM Style 2576)	
300 V RMS UL type CMG	

## Temperature Range

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

## Mechanical Characteristics

Bulk Cable Weight:	16 lbs/1000ft
Max Recommended Pulling Tension:	27 lbs
Min Bend Radius/Minor Axis:	1.75 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 2015/863/EU:	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, LS0H, Toxicity Testing

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

## Plenum/Non-Plenum

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

### Variants

Item #	Color	UPC	Length	Footnote
8443 060100	Chrome	612825207320	100 ft	
8443 0601000	Chrome	612825207337	1,000 ft	C
8443 060500	Chrome	612825207344	500 ft	
8443 0605000	Chrome	612825207351	5,000 ft	
8443 060U1000	Chrome	612825207306	1,000 ft	
8443 060U500	Chrome	612825207313	500 ft	

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

Update and Revision:	Revision Number: 0.280 Revision Date: 12-19-2019
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