

# **Product Description**

Electronic, 2 Conductor 16AWG (19x29) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

### **Technical Specifications**

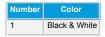
### **Physical Characteristics (Overall)**

Condu	ctor		
AWG	Stranding	Material	No. of Pairs
16	19x29	TC - Tinned Copper	1
Condu	ctor Count:		2
Total Number of Pairs:		1	

### Insulation

Material	Nominal Wall Thickness		
PVC - Polyvinyl Chloride	0.023 in		

#### Color Chart



#### **Outer Shield Material**

Material Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.274 in	0.032 in

**Construction and Dimensions** 

### Cabling

Lay DirectionTwistsLeft Hand6 twist/ft

### **Electrical Characteristics**

#### Conductor DCR

Nominal Conductor DCR 4.49 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor 33 pF/ft

#### Inductance

Nominal Inductance

## 0.19 µH/ft

### Current

	Element	Max. Recommended Current [A]
10	C temperature rise	6.1 Amps per conductor @ 25°C ambient

#### Voltage

UL Voltage Rating 300 V RMS

## **Temperature Range**

UL Temp Rating:	60°C
Operating Temp Range:	-20°C To +80°C

### **Mechanical Characteristics**

Bulk Cable Weight:	36 lbs/1000ft
Max Recommended Pulling Tension:	61 lbs
Min Bend Radius/Minor Axis:	2.75 in

## Standards

NEC Articles:	800, 725
NEC/(UL) Specification:	CL3, CMG
CEC/C(UL) Specification:	CMG
UL AWM Style:	UL Style 2598 (300 V 60°C)
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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

# Suitability

Suitability - Indoor:	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

Plenum (Y/N): No		
	Plenum (Y/N):	No

## Part Number

### Variants

Item #	Color	UPC	Length	Footnote
8471.001000	Chrome		1,000 m	
8471.00305	Chrome		305 m	
8471.00U152	Chrome		152 m	
8471.00U305	Chrome		305 m	
8471.01152	Chrome		152 m	
8471 0601000	Chrome	612825208549	1,000 ft	С

8471 060500	Chrome	612825208556	500 ft	С
8471 0605000	Chrome	612825208563	5,000 ft	
8471 060U1000	Chrome	612825208525	1,000 ft	
8471 060U500	Chrome	612825208532	500 ft	
8471.K0305	Chrome		305 m	
Footnote:		C - CRATE REEL PUT-UP.		

### History

Update and Revision:

Revision Number: 0.284 Revision Date: 08-22-2019

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