



REPRESENTATIVE IMAGE

**Product:** [9445](#)

Electronic, 5 C #20 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

## Product Description

Electronic, 5 Conductor 20AWG (7x28) 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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### Construction Details

#### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	5	20 AWG	7x28	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	Black, White, Red, Green, Brown

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.239 in (6.07 mm)

Overall Cable Diameter (Nominal):	0.239 in (6.07 mm)
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	10.7 Ohm/1000ft (35.1 Ohm/km)	27 pF/ft (89 pF/m)	3.2 Amps per Conductor at 25°C

#### Voltage

UL Voltage Rating
300 V (CMG), 300 V (UL AWM 2464)

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
80°C (UL AWM 2464)	-20°C to +80°C

#### Bend Radius

Stationary Min.	Installation Min.
2.4 in (61 mm)	2.4 in (61 mm)

Max. Pull Tension:	63 lbs
Bulk Cable Weight:	36 lbs/1000ft (54 kg/km)

### Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.352 Revision Date: 10-27-2021
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## Variants

Item #	Color	UPC
9445 060100	Chrome	612825252481
9445 0601000	Chrome	612825252498
9445 060500	Chrome	612825252504
9445 0605000	Chrome	612825252511
9445 060U1000	Chrome	612825252467

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