



REPRESENTATIVE IMAGE

**Product:** [9444](#)

Electronic, 4 C #20 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

### Product Description

Electronic, 4 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)	4	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

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.217 in (5.51 mm)

Overall Cable Diameter (Nominal): 0.217 in (5.51 mm)

#### 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.
2.2 in (56 mm)	2.2 in (56 mm)

Max. Pull Tension:	50 lbs (23 kg)
Bulk Cable Weight:	30 lbs/1000ft (45 kg/km)

#### Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), 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:	AWM 2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), 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: 0.351 Revision Date: 02-08-2022
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## Part Numbers

### Variants

Item #	Color	UPC
9444 060100	Chrome	612825252429
9444 0601000	Chrome	612825252436
9444 060500	Chrome	612825252443
9444 0605000	Chrome	612825252450
9444 060U1000	Chrome	612825252405
9444 060U500	Chrome	612825252412

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