



**Product:** [8467](#)

Electronic, 7 C #18 Str TC, PVC Ins, PVC Jkt, CMG

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**Product Description**

Electronic, 7 Conductor 18AWG (19x30) 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)	7	18 AWG	19x30	TC - Tinned Copper

**Insulation**

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	Black, White, Red, Green, Brown, Blue, Orange

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.309 in (7.85 mm)

Overall Cable Diameter (Nominal): 0.309 in (7.85 mm)

**Electrical Characteristics**

**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.3 Ohm/1000ft (21 Ohm/km)	26 pF/ft (85 pF/m)	3.5 Amps per Conductor at 25°C

**Voltage**

UL Voltage Rating
300 V (CMG), 300 V (UL AWM 2598)

**Mechanical Characteristics**

**Temperature**

UL Temperature	Operating
60°C (UL AWM 2598)	-20°C to +60°C

**Bend Radius**

Stationary Min.	Installation Min.
3.1 in (79 mm)	3.1 in (79 mm)

Max. Pull Tension:	173 lbs
Bulk Cable Weight:	69 lbs/1000ft (100 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:	2598
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: 0.350 Revision Date: 12-15-2021
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## Variants

Item #	Color	Putup Type	Length	UPC
8467 060100	Chrome	Reel	100 ft	612825208341
8467 060250	Chrome	Reel	250 ft	612825208372
8467 060500	Chrome	Reel	500 ft	612825208389
8467 0601000	Chrome	Reel	1,000 ft	612825208358
8467 0605000	Chrome	Reel	5,000 ft	612825208396
8467 06010000	Chrome	Reel	10,000 ft	612825208365

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