



**Product:** [9455](#)

Electronic, 9 C #20 Str TC, PVC Ins, PVC Jkt, CMG

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**Product Description**

Electronic, 9 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)	9	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, Blue, Orange, Yellow, Purple

**Outer Jacket**

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.317 in (8.05 mm)

Overall Cable Diameter (Nominal): 0.317 in (8.05 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)	2.8 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.
3.2 in (81 mm)	3.2 in (81 mm)

Max. Pull Tension:	113 lbs
Bulk Cable Weight:	60 lbs/1000ft (89 kg/km)

**Standards and Compliance**

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, 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: 0.357 Revision Date: 12-15-2021
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## Variants

Item #	Color	UPC
9455 060100	Chrome	612825253211
9455 0601000	Chrome	612825253228
9455 060500	Chrome	612825253235
9455 0605000	Chrome	612825253242

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