



Product: [9261](#)

Electronic, 12 C #20 Str TC, PVC Ins, OA TC Brd, PVC Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 12 Conductor 20AWG (7x28) Tinned Copper, PVC Insulation, Overall Tinned Copper Braid(85%) Shield, 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)	12	20 AWG	7x28	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	Black, White, Red, Green, Orange, Blue, White/Black Stripe, Red/Black Stripe, Green/Black Stripe, Orange/Black Stripe, Blue/Black Stripe, Black/White Stripe

Outer Shield

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	85%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.040 in (1.0 mm)	0.396 in (10.1 mm)

Overall Cable Diameter (Nominal):	0.396 in (10.1 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	9.5 Ohm/1000ft (31 Ohm/km)	26 pF/ft (85 pF/m)	57 pF/ft (190 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.
4.0 in (100 mm)	4.0 in (100 mm)

Max. Pull Tension:	180 lbs (82 kg)
Bulk Cable Weight:	105 lbs/1000ft (156 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Sustainability:	CA Prop 65
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)

History

Update and Revision:	Revision Number: 0.362 Revision Date: 02-08-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9261 060100	Chrome	Reel	100 ft	612825225959
9261 0601000	Chrome	Reel	1,000 ft	612825225966

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