



REPRESENTATIVE IMAGE

Product: [9260](#)

Electronic, 6 C #20 Str TC, PVC Ins, OA TC Brd, PVC Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 6 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)	6	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

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.305 in (7.75 mm)

Overall Cable Diameter (Nominal): 0.305 in (7.75 mm)

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)	50 pF/ft (160 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.
3.1 in (79 mm)	3.1 in (79 mm)

Max. Pull Tension:	90 lbs (41 kg)
Bulk Cable Weight:	64 lbs/1000ft (95 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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.356 Revision Date: 02-08-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9260 060100	Chrome	Reel	100 ft	612825225911
9260 060500	Chrome	Reel	500 ft	612825225935
9260 0601000	Chrome	Reel	1,000 ft	612825225928
9260 0605000	Chrome	Reel	5,000 ft	612825225942

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