



Product: [9752](#)

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

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Product Description

Electronic, 9 Pair 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 digital control (24v, ...); line level audio; computer communication; panel wiring
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	9	20 AWG	7x28	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.065 in (1.7 mm)	Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown, Black & Orange, Red & White, Red & Green

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.429 in
Overall Cable Diameter (Nominal):		0.429 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
11.3 Ohm/1000ft	24.5 pF/ft (80.4 pF/m)	4.8 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
4.29 in (109 mm)	4.29 in

Max. Pull Tension:	226.8 lbs (102.9 kg)
Bulk Cable Weight:	116 lbs/1000ft

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:	AWM 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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.388 Revision Date: 12-22-2023
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Part Numbers

Variants

Item #	Color	UPC	Footnote
9752 060100	Chrome	612825258209	C
9752 0601000	Chrome	612825258216	C
9752 060500	Chrome	612825258223	C

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