



Product: [9458](#)

Electronic, 15 C #20 Str TC, PVC Ins, PVC Jkt, CMG

[Request Sample](#)

Product Description

Electronic, 15 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)	15	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, Orange, Blue, White/Black Stripe, Red/Black Stripe, Green/Black Stripe, Orange/Black Stripe, Blue/Black Stripe, Black/White Stripe, Red/White Stripe, Green/White Stripe, Blue/White Stripe

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.040 in (1.0 mm)	0.389 in (9.88 mm)
Overall Cable Diameter (Nominal):	0.389 in (9.88 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.
3.9 in (99 mm)	3.9 in (99 mm)
Max. Pull Tension:	189 lbs (85.7 kg)
Bulk Cable Weight:	100 lbs/1000ft (150 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4
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)
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	UPC
9458 060100	Chrome	612825253297
9458 0601000	Chrome	612825253303
9458 060500	Chrome	612825253310
9458 0605000	Chrome	612825253327

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