



Product: [9154](#)

Electronic, 2 C #20 Str TC, PVC Ins, OS, PVC Jkt, CMG

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Product Description

Electronic, 2 Conductor 20AWG (7x28) Tinned Copper, PVC Insulation, Overall Beldfoil® Shield, 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	Number of Element	AWG	Stranding	Material
Conductor(s)	2	20	7x28	TC - Tinned Copper

Insulation

Element	Material	Thickness [in]	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.0145	Black, Red

Outer Shield Material

Type	Material	Coverage	Drainwire Type
Tape	Alum / Poly	100%	22 AWG (7x30) TC

Outer Jacket Material

Material	Thickness	Diameter
PVC - Polyvinyl Chloride	0.031 in	0.198 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedance	Max. Current
Conductor(s)	9.5 Ohm/1000ft	60 pF/ft	100 pF/ft	36 Ohm	4 Amps per conductor at 25°C

Voltage

UL Voltage Rating
300 V (CMG), 300 V (UL AWM 2464)

Mechanical Characteristics

Temperature

UL Rating	Operating
80°C (UL AWM 2464)	-20°C to +80°C

Bend Radius

Stationary Min.
2 in

Max. Pull Tension:	39 lbs
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Bulk Cable Weight:	21 lbs/1000ft
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Standards and Compliance

Flammability / Fire Resistance:	UL1685 FT4 Loading, FT4, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	2464
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.315 Revision Date: 06-05-2020
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