



**Product:** [8762](#)

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

[Request Sample](#)

**Product Description**

Electronic, 2 Conductor 20AWG (7x28) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM, Suitable for Audio, Control, and Instrumentation Applications

**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
Pair(s)	1	20	7x28	TC - Tinned Copper

**Insulation**

Element	Material	Thickness [in.]	Color Code
Pair(s)	PE - Polyethylene	0.017	Black, Clear

**Outer Shield Material**

Shield Type	Material	Coverage	Drainwire Type
Tape	Alum / Poly	100%	20 AWG (7x28) TC

**Outer Jacket Material**

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.028 in	0.204 in

Cable Diameter (Nominal):	0.204 in
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**Electrical Characteristics**

**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Max. Current
Pair(s)	9.5 Ohm/1000ft	27 pF/ft	49 pF/ft	56 Ohm	3.9 Amps per Conductor at 25°C

**Voltage**

UL Voltage Rating
300 V (CM), 300 V (UL AWM 2092))

**Mechanical Characteristics**

**Temperature**

UL Rating	Operating
60°C (UL AWM 2092)	-20°C to +60°C

**Bend Radius**

Stationary Min.	Installation Min.

2.25 in	2 in
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Max. Pull Tension:	38 lbs
Bulk Cable Weight:	21 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Fire Resistance:	UL1685 UL Loading, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	2092
CEC / C(UL) Compliance:	CM
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)

## History

Update and Revision:	Revision Number: 0.349 Revision Date: 07-17-2020
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