



Product: [9402](#)

Audio, Control & Instrument, #20-2pr, SR-PVC, Individ. Foil, PVC Jkt, CMG

Product Description

Audio, Control & Instrument Cable, 2 Pair, 20 AWG stranded (7x28) tinned copper conductors, semi-rigid PVC insulation, individually shielded pairs with Beldfoil® (100% coverage), 22 AWG stranded tinned copper drain wire, overall PVC jacket.

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)	2	20	7x28	TC - Tinned Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Pair(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.011	Red & Black, Green & White

Inner Shield Material

Element	Shield Type	Material	Coverage	Drainwire Type	Notes
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (19x34) TC	each pair

Outer Jacket Material

Separator	Material	Thickness	Nom. Diameter
Polyester Tape	PVC - Polyvinyl Chloride	0.041 in	0.300 in

Cable Diameter (Nominal): 0.300 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Pair(s)	9.3 Ohm/1000ft	55 pF/ft	95 pF/ft	3.1 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.	Installation Min.
3 in	3 in

Max. Pull Tension:	72 lbs
Bulk Cable Weight:	49 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
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

History

Update and Revision:	Revision Number: 0.356 Revision Date: 09-30-2020
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