

Product: [8722](#) 



Audio, Control and Instrumentation Cable, 2 Pr #20 Str TC, 1 Pr Shielded, 1 Pr Unshielded, PVC Jkt, CMG

Product Description

Audio, Control & Instrumentation Cable, 2 Pair 20 AWG (7 x 28) Tinned Copper, PVC Insulation, 1 Pair (Red & Black) Beldfoil® Shield, 1 Pair (Green & White) Unshielded, PVC 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
Pair(s)	1	20	7x28	TC - Tinned Copper
Pair(s)	2	20	7x28	TC - Tinned Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.017	Red & Black
Pair(s)	PVC - Polyvinyl Chloride	0.017	Green & White, White

Inner Shield Material

Element	Shield Type	Material	Coverage	Drainwire Type
Pair(s)	Tape	Alum / Poly	100%	20 AWG (7x28) TC
Pair(s)		No Shield		

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.028 in	0.231 in

Cable Diameter (Nominal): 0.231 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Pair(s)	10 Ohm/1000ft	60 pF/ft	99 pF/ft	3.1 Amps per conductor @ 25°C
Conductor(s)	10 Ohm/1000ft			

Voltage

UL Voltage Rating
350 V RMS

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
2.25 in	2.3 in

Max. Pull Tension:	56 lbs
Bulk Cable Weight:	33 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Fire Resistance:	UL1685 (FT4 Loading), FT4, 1202, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMG
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)

Product Notes

Notes:	Request Technical Bulletin T/8-21 before planning high and low level circuits in the same cable.
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History

Update and Revision:	Revision Number: 0.286 Revision Date: 07-31-2020
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