

**Product:** [8722](#) 



REPRESENTATIVE IMAGE

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	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.068 in (1.7 mm)	Red & Black
Pair(s)	PVC - Polyvinyl Chloride	0.017 in (0.43 mm)		Green & White, White

#### Inner Shield Material

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

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.028 in (0.71 mm)	0.231 in

Cable Diameter (Nominal): 0.231 in (5.87 mm)

### 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 (33 Ohm/km)	60 pF/ft (200 pF/m)	99 pF/ft (320 pF/m)	3.1 Amps per conductor @ 25°C
Conductor(s)	10 Ohm/1000ft (33 Ohm/km)			

#### Voltage

UL Voltage Rating
350 V RMS

### Mechanical Characteristics

#### Temperature

UL Rating	Operating

80°C	-20°C to +80°C
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#### Bend Radius

Stationary Min.	Installation Min.
2.3 in (58 mm)	2.3 in (58 mm)

Max. Pull Tension:	56 lbs (25 kg)
Bulk Cable Weight:	33 lbs/1000ft (49 kg/km)

#### 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 (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), 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: 0.312 Revision Date: 07-02-2021
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