



**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	Size	Stranding	Material
Pair(s)	1	20 AWG	7x28	TC - Tinned Copper
Pair(s)	1	20 AWG	7x28	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.070 in (1.8 mm)	Red & Black
Pair(s)	PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.070 in (1.8 mm)	Green & White

##### Inner Shield

Element	Shield Type	Material	Coverage	Drainwire Type
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC
Pair(s)		No Shield		

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.028 in (0.71 mm)	0.231 in (5.87 mm)

Overall Cable Diameter (Nominal):	0.231 in (5.87 mm)
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Pair(s)	11.3 Ohm/1000ft	11.54 Ohm/1000ft (37.86 Ohm/km)	60 pF/ft (200 pF/m)	99 pF/ft (320 pF/m)	6.08 Amps per conductor @ 25°C
Conductor(s)	10 Ohm/1000ft (33 Ohm/km)				6.08 Amps per conductor @ 25°C

##### Voltage

<b>UL Voltage Rating</b>
300 V

#### Mechanical Characteristics

##### Temperature

<b>UL Temperature</b>	Operating
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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:	63 lbs (29 kg)
Bulk Cable Weight:	33 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, IEEE 1202, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
CEC / C(UL) Compliance:	CMG
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)
UK Regulation Compliance:	UKCA Mark
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: 0.430 Revision Date: 01-20-2023
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#### Part Numbers

#### Variants

Item #	Color	Putup Type	Length	UPC
8722 060500	Chrome	Reel	500 ft	612825214373
8722 060U500	Chrome	UnReel	500 ft	612825214571
8722 0601000	Chrome	Reel	1,000 ft	612825214403
8722 060U1000	Chrome	UnReel	1,000 ft	612825214380

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