

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	Size	Stranding	Material
Pair(s)	1	20 AWG	7x28	TC - Tinned Copper
Pair(s)	2	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)	0.068 in (1.7 mm)	Red & Black
Pair(s)	PVC - Polyvinyl Chloride	0.017 in (0.43 mm)		Green & White, White

Inner Shield

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

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 Temperature	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:	56 lbs
Bulk Cable Weight:	33 lbs/1000ft (49 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL1685 (FT4 Loading), FT4, 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)
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: 0.316 Revision Date: 10-27-2021
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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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