

Product: [8724](#) 



REPRESENTATIVE IMAGE

Audio, Control and Instrumentation, 1 Pr+2 C 22 AWG Stranded, Shielded/Unshielded, CM

Product Description

1 Pair+2 Conductors 22 AWG stranded (7x30) tinned copper conductors, polypropylene insulation, one pair Beldfoil® shielded (100% coverage), stranded tinned copper drain wire, CM 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	Size	Stranding	Material
Conductor(s)	2	22 AWG	7x30	TC - Tinned Copper
Conductor(s)	2	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.0085 in (0.22 mm)	0.046 in (1.2 mm)	Black, Red
Conductor(s)	PP - Polypropylene	0.0085 in (0.22 mm)	0.046 in (1.2 mm)	Green, White

Inner Shield

Element	Shield Type	Material	Coverage	Drainwire Type
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC
Conductor(s)	No Shield			

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.019 in (0.48 mm)	0.165 in

Overall Cable Diameter (Nominal):	0.165 in.
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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)	Nom. Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
Conductor(s)	15 Ohm/1000ft		34 pF/ft (110 pF/m)	67 pF/ft (220 pF/m)	48 Ohm	66%	2.9 Amps per Conductor at 25°C
Conductor(s)	15 Ohm/1000ft (49 Ohm/km)	15.76 Ohm/1000ft (51.71 Ohm/km)					2.9 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
90°C	-30°C To +90°C

Bend Radius

Stationary Min.	Installation Min.
1.65 in (41.9 mm)	1.65 in

Max. Pull Tension:	41 lbs
Bulk Cable Weight:	20 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL 1685 UL Loading
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
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)

History

Update and Revision:	Revision Number: 0.361 Revision Date: 12-21-2021
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Variants

Item #	Color	Putup Type	Length	UPC
8724 0601000	Chrome	Reel	1,000 ft	612825214601
8724 060U1000	Chrome	UnReel	1,000 ft	612825427438
8724 060Z1000	Chrome	ReelTuff Box	1,000 ft	612825214618
8724 0605000	Chrome	Reel	5,000 ft	612825214588

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