



Product: [8732](#)

Electronic, 2 Pr #22 Str TC, PO Ins, 1Pr w/ TC Brd, PVC Jkt, CM

[Request Sample](#)

Product Description

Electronic, 2 Pair 22AWG (7x30) Tinned Copper, PO Insulation, 1 Pair w/ Tinned Copper Braid(62%) Shield, PVC Outer Jacket, CM

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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	2

Conductor Count:	4
Total Number of Pairs:	2

Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.021 in

Color Chart

Number	Color
1	Black, Clear
2	Black, Clear

Inner Shield Material

Type	Layer	Material	Coverage [%]
Braid	1st Pair	Tinned Copper (TC)	62%
No Shield	2nd Pair		

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.206 x 0.332 in	0.03 in

Electrical Characteristics

Conductor DCR

Max. Conductor DCR	Nominal Conductor DCR
10.8 Ohm/1000ft	15.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Other Conductor to Shield	Nom. Capacitance Conductor to Shield
21 pF/ft	37 pF/ft

Impedance

Nominal Characteristic Impedance	Nominal Characteristic Impedance Description
74 Ohm	Shielded pair

Current

Max. Recommended Current [A]
2.3 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V RMS (UL AWM Style 2094)

Temperature Range

UL Temp Rating:	60°C (UL AWM Style 2094)
Operating Temp Range:	-20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	37 lbs/1000ft
Max. Pull Tension:	59 lbs
Min Bend Radius/Minor Axis:	2.25 in

Standards

NEC/(UL) Compliance:	CM
CEC/C(UL) Compliance:	CM
UL AWM Style Compliance:	UL Style 2094 (300 V 60°C)
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading
IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS (UL AWM Style 2094)

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8732 0601000	Chrome	Reel	1,000 ft	612825214762

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.312 Revision Date: 08-25-2020
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