

Product: [8730](#) 

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



REPRESENTATIVE IMAGE

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, 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

Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors	No. of Pairs
Pair(s)	22	7x30	TC - Tinned Copper		1
Conductor(s)	22		TC - Tinned Copper	2	

Insulation

Element	Material	Nominal Wall Thickness
Pair(s)	PP - Polypropylene	0.008 in
Conductor(s)	PP - Polypropylene	0.008 in

Color Chart

Color
Red & Black

Color Chart 2

Color
Green
White

Inner Shield Material

Element	Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24	Stranded
Conductor(s)	No Shield						

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.205 in

Electrical Characteristics

Conductor DCR

Element	Nominal Conductor DCR
Pair(s)	17 Ohm/1000ft
Conductor(s)	17 Ohm/1000ft

Capacitance

Element	Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
Pair(s)	34 pF/ft	67 pF/ft

Inductance

Nominal Inductance
0.1 µH/ft

Current

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

Voltage

Non-UL Voltage Rating
200 V RMS

Temperature Range

Non-UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	23 lbs/1000ft
Max. Pull Tension:	36.4 lbs
Min Bend Radius/Minor Axis:	2 in

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
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 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MIL Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8730 0601000	Chrome	Reel	1,000 ft	612825214748
8730 060U1000	Chrome	UnReel	1,000 ft	612825214823

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.291 Revision Date: 08-25-2020
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