

## Part Number: 8730

### Audio, Control and Instrumentation, 2 Pair 22 AWG Stranded, Shielded



#### Product Description

2 Pair 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

Environmental Space:	Indoor (Not Riser or Plenum)
Suitable Applications:	Special Audio, Communications and Instrumentation Cable

##### Physical Characteristics (Overall)

###### Conductor

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

Conductor Count:	4
Total Number of Pairs:	2
Conductor Size:	22 AWG

###### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

###### Color Chart

Number	Color
1	Shielded: Red & Black
2	Unshielded: Green & White

###### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	24	Stranded mm
					TC - Tinned Copper	

###### Outer Shield Material

Material
Unshielded

###### Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.205 in

##### Electrical Characteristics

###### Conductor DCR

Nominal Conductor DCR
17 Ohm/1000ft

###### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield

34 pF/ft	67 pF/ft
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Shielding:	Individually Shielded + No Overall
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**Inductance**

**Nominal Inductance**

0.1 $\mu$ H/ft
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**Current**

**Max. Recommended Current [A]**

2.3 Amps per conductor @ 25°C
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**Voltage**

**Non-UL Voltage Rating**

200 V RMS
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**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 Recommended Pulling Tension:	36.4 lbs
Min Bend Radius/Minor Axis:	2 in

**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 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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII 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	Footnote
8730 0601000	Chrome	C
8730 060U1000	Chrome	

Footnote:	C - CRATE REEL PUT-UP.
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