

## 8730 Multi-Conductor - Special Audio, Communication and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### Description:

22 AWG stranded (7x30) tinned copper conductors, polypropylene insulation, one pair Beldfoil® shielded (100% coverage), stranded tinned copper drain wire, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
2	22	7x30	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	.008

#### Inner Shield

##### Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

##### Inner Shield Drain Wire AWG:

AWG
24

Inner Shield Drain Wire Stranding: Stranded

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.030

#### Overall Cable

Overall Nominal Diameter: 0.205 in.

#### Pair

##### Pair Color Code Chart:

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

##### Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
3.000	4.000

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 23 lbs/1000 ft.

Max. Recommended Pulling Tension: 36.400 lbs.

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Min. Bend Radius (Install)/Minor Axis: 2 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

.1

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

34

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

67

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

17

#### Max. Operating Voltage - Non-UL:

Voltage

200 V RMS

#### Max. Recommended Current:

Current

2.3 Amps per conductor @ 25°C

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8730 060U1000	1,000 FT	24.000 LB	CHROME		1 #22 SH PR,2 #22 PP PVC
8730 0601000	1,000 FT	26.000 LB	CHROME	C	1 #22 SH PR,2 #22 PP PVC

#### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 04-16-2008

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