

## 8722 Multi-Conductor - Special Audio, Communication and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### Description:

20 AWG stranded (7x28) TC conductors, PVC insulation, conductors cabled, Beldfoil® shield as noted (100% coverage), 22 AWG stranded TC drain wire, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
2	20	7x28	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.016

#### 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
22

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	.028

#### Overall Cable

Overall Nominal Diameter: 0.226 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)
1.750	6.850

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 80°C

Bulk Cable Weight: 33 lbs/1000 ft.

Max. Recommended Pulling Tension: 56 lbs.

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Min. Bend Radius (Install)/Minor Axis: 2.300 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG

CEC/C(UL) Specification: CMG

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): 10/01/2005

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

#### Flame Test

C(UL) Flame Test: FT4

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/ft)

.2

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

60

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

Capacitance (pF/ft)

99

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 12.500 Ohm/1000 ft

#### Max. Operating Voltage - UL:

Voltage

350 V RMS

#### Max. Recommended Current:

Current

3.1 Amps per conductor @ 25°C

### Notes (Overall)

**Notes:** Beldfoil® shield over Red and Black conductors only. Request Technical Bulletin T/8-21 before planning high and low level circuits in the same cable.

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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## 8722 Multi-Conductor - Special Audio, Communication and Instrumentation Cable

8722 060U1000	1,000 FT	35.000 LB	CHROME		2#20FS PVC,2#20 PVC PVC
8722 060U500	500 FT	18.000 LB	CHROME		2#20 FS PVC,2#20 PVC PVC
8722 0601000	1,000 FT	36.000 LB	CHROME	C	2#20 FS PVC,2#20 PVC PVC
8722 060500	500 FT	18.500 LB	CHROME	C	2#20 FS PVC,2#20 PVC PVC

**Notes:**

C = CRATE REEL PUT-UP.

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