

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



For more Information  
please call

1-800-Belden1



### General 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

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PVC - Polyvinyl Chloride	1.727

#### 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
PVC - Polyvinyl Chloride

#### Overall Cable

Overall Nominal Diameter: 5.740 mm

#### Pair

Pair Color Code Chart:

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

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 80°C

Bulk Cable Weight: 49.111 Kg/Km

Max. Recommended Pulling Tension: 249.099 N

Min. Bend Radius/Minor Axis: 57.150 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG

CEC/C(UL) Specification: CMG

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

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

## METRIC MEASUREMENT VERSION

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

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

MIL 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/m)

0.6562

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

196.86

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

Capacitance (pF/m)

324.819

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

32.81

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 41.013 Ohm/km

##### 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.

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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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