

## 8724 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	Dia. (in.)
2	22	7x30	TC - Tinned Copper	.030

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PP - Polypropylene	.008	.046

#### Inner Shield

##### Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
1st Pair	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2nd Pair			Unshielded	

##### Inner Shield Drain Wire AWG:

AWG
24

Inner Shield Drain Wire Stranding: 7x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.019

#### Overall Cable

Overall Nominal Diameter: 0.165 in.

#### Pair

##### Pair Color Code Chart:

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

##### Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
2.000	6.000

### Mechanical Characteristics (Overall)

UL Temperature Rating: 60°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 20 lbs/1000 ft.

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Max. Recommended Pulling Tension:	36.400 lbs.
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Min. Bend Radius (Install)/Minor Axis:	1.750 in.
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### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
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CEC/C(UL) Specification:	CM
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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#### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Electrical Characteristics (Overall)

#### Nom. Characteristic Impedance:

Impedance (Ohm)
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48
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#### Nom. Inductance:

Inductance (µH/ft)
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.17
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#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
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34
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#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
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67
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#### Nominal Velocity of Propagation:

VP (%)
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66
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#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
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15
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Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	17 Ohm/1000 ft
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#### Max. Operating Voltage - UL:

Voltage
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300 V RMS
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#### Max. Recommended Current:

Current
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2.3 Amps per conductor @ 25°C
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### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

## 8724 Multi-Conductor - Special Audio, Communication and Instrumentation Cable

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8724 060U1000	1,000 FT	21.000 LB	CHROME		2#22 FS PP,2#22 PP PVC
8724 0601000	1,000 FT	21.000 LB	CHROME	C	2#22FS PP,2#22 PP PVC

**Notes:**

C = CRATE REEL PUT-UP.

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