

8725 Multi-Conductor - Special Audio, Communication and Instrumentation Cable

For more Information
please call

1-800-Belden1



Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
4	20	7x28	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	.015

Insulation Resistance: 50,000 megaohms/1000ft. @ 500 V DC

Inner Shield

Inner Shield Material:

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

Inner Shield Drain Wire AWG:

AWG	Stranding	Conductor Material
22	Stranded	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

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

Overall Cabling

Overall Nominal Diameter: 0.336 in.

Pair

Pair Color Code Chart:

Number	Color
1	Red & Black
2	Green & White
3	White/Red & White/Black
4	White/Green & White/Yellow

Pair Lay Length & Direction:

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

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +105°C

UL Temperature Rating: 105°C

Bulk Cable Weight: 69 lbs/1000 ft.

Max. Recommended Pulling Tension: 112 lbs.

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Min. Bend Radius (Install)/Minor Axis:	3.375 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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Flame Test

Other Flame Test:	VW-1
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Plenum/Non-Plenum

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

Nom. Characteristic Impedance:

Impedance (Ohm)

56

Nom. Inductance:

Inductance (µH/ft)

.19

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

27

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

49

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.78

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	12.540 Ohm/1000 ft
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Max. Operating Voltage - UL:

Voltage

400 V RMS

Max. Recommended Current:

Current

3.9 Amps per conductor @ 25°C

Notes (Overall)

Notes: Four groups of two conductors with drain wires, each group individually Beldfoil® shielded with polyester tape wrap. 22 AWG drain wire.

Related Documents:

8725 Multi-Conductor - Special Audio, Communication and Instrumentation Cable

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8725 0601000	1,000 FT	74.000 LB	CHROME	C	4 SH PR #20 PP PVC
8725 060500	500 FT	38.000 LB	CHROME	C	4 SH PR #20 PP PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 06-08-2009

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