

8735 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1

**Description:**

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, tinned copper braid shield (70% shield coverage), PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
3	22	7x30	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.015

Outer Shield**Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	70

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.025

Overall Cable**Overall Cabling Lay Length & Direction:**

Length (in.)	Twists (ft.)
3	4

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	White

Overall Nominal Diameter: 0.202 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2095)
Bulk Cable Weight:	25.600 lbs/1000 ft.
Max. Recommended Pulling Tension:	57 lbs.
Min. Bend Radius (Install)/Minor Axis:	2 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG

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AWM Specification:	UL Style 2095 (300 V 80°C)
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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):	04/01/2005
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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

C(UL) Flame Test:	FT4
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Capacitance Cond. to Other Conductor & Shield:**

Capacitance (pF/ft)

60

Max. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

34

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

8.12

Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 2095)

Max. Recommended Current:

Current

2.9 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
8735 0601000	1,000 FT	27.000 LB	CHROME	C	3 #22 PVC SHLD PVC
8735 060500	500 FT	14.000 LB	CHROME	C	3 #22 PVC SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

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