

8734 Multi-Conductor - Audio, Control and Instrumentation Cable

For more Information
please call

1-800-Belden1



General Description:

Combination shielded/unshielded 22AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, 80% tinned copper braid shield over 1 conductor, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

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

Total Number of Conductors: 3

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.406

Inner Shield

Inner Shield Material:

Type	Inner Shield Material	Coverage (%)
Braid	TC - Tinned Copper	80

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.635

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	White

Overall Nominal Diameter: 4.928 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2785)
Bulk Cable Weight:	32.740 Kg/Km
Max. Recommended Pulling Tension:	253.547 N
Min. Bend Radius/Minor Axis:	50.800 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CM

AWM Specification: UL Style 2785 (300 V 80°C)

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

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): 04/01/2005

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

UL Flame Test: UL1685 UL Loading

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

259.199

Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)

49.215

Nom. Inner Shield DC Resistance:

Description	DCR @ 20°C (Ohm/km)
White Conductor Only	32.81

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.9 Amps per conductor @ 25°C

Notes (Overall)

Notes: Inner Shield over white conductor only.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8734 0601000	1,000 FT	24.000 LB	CHROME	C	2 #22 1 SHLD #22 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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