

8418 Multi-Conductor - Microphone/Musical Instrument Cable



For more Information
please call

1-800-Belden1

**Description:**

Mic, 20 AWG stranded (26x34) high-conductivity TC conductors, rubber insulation, cotton wrap, rayon braid, TC braid shield (85% coverage), EPDM rubber jacket.

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

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
8	20	26x34	High Conductivity TC - Tinned Copper	.037

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)	Dia. (in.)
EPDM - Ethylene Propylene Diene Monomer Rubber	.023	.083

Outer Shield**Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	85

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
EPDM - Ethylene Propylene Diene Monomer Rubber	.037

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

Length (in.)	Twists (ft.)
2.92	4.1

Overall Cabling Color Code Chart:

Number	Color
1	Blue
2	Orange
3	Black
4	White
5	Brown
6	Green
7	Red
8	Yellow

Overall Cabling Separator Material: Rayon Braid, Cotton Serve

Overall Nominal Diameter: 0.381 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -50°C To +90°C

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 100 lbs/1000 ft.

Max. Recommended Pulling Tension: 116 lbs.

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Min. Bend Radius (Install)/Minor Axis: 3.800 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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): 01/01/2004

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

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

 Impedance (Ohm)
 52

Nom. Inductance:

 Inductance (μH/ft)
 0.18

Nom. Capacitance Conductor to Conductor:

 Capacitance (pF/ft)
 30

Nom. Capacitance Cond. to Other Conductor & Shield:

 Capacitance (pF/ft)
 55

Nom. Conductor DC Resistance:

 DCR @ 20°C (Ohm/1000 ft)
 10.2

Nominal Outer Shield DC Resistance:

 DCR @ 20°C (Ohm/1000 ft)
 2.4

Max. Operating Voltage - Non-UL:

 Voltage
 600 V RMS

Max. Recommended Current:

 Current
 2.8 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
8418 010100	100 FT	11.000 LB	BLACK		8 #20 EPDM BRD EPDM
8418 010250	250 FT	25.000 LB	BLACK	C	8 #20 EPDM BRD EPDM

Notes:

C = CRATE REEL PUT-UP.

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Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru