

## 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 Cable****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.

## 8418 Multi-Conductor - Microphone/Musical Instrument Cable

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

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; 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 &amp; 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 &amp; 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	26.750 LB	BLACK	C	8 #20 EPDM BRD EPDM

## Notes:

C = CRATE REEL PUT-UP.

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