

## 8426 Multi-Conductor - Microphone/Musical Instrument Cable



For more Information  
please call

1-800-Belden1

**Description:**

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

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

# Conductors	AWG	Stranding	Conductor Material
6	20	26x34	High Conductivity TC - Tinned Copper

Total Number of Conductors: 6

**Insulation****Insulation Material:**

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

**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 Color Code Chart:**

Number	Color
1	Blue
2	Red
3	Black
4	White
5	Brown
6	Green

Overall Cabling Separator Material: Rayon Braid, Cotton Serve

Overall Nominal Diameter: 0.342 in.

**Mechanical Characteristics (Overall)**

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

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 82 lbs/1000 ft.

Max. Recommended Pulling Tension: 124 lbs.

Min. Bend Radius/Minor Axis: 3.500 in.

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

## 8426 Multi-Conductor - Microphone/Musical Instrument Cable

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)  
 2.2

## Max. Operating Voltage - Non-UL:

 Voltage  
 600 V RMS

## Max. Recommended Current:

 Current  
 2.8 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8426 010100	100 FT	9.000 LB	BLACK		6 #20 EPDM BRD EPDM
8426 010250	250 FT	22.000 LB	BLACK	C	6 #20 EPDM BRD EPDM

## Notes:

C = CRATE REEL PUT-UP.

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