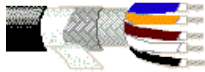


## 8425 Multi-Conductor - Microphone/Musical Instrument Cable



For more Information  
please call

1-800-Belden1



### General Description:

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
5	20	26x34	High Conductivity TC - Tinned Copper

Total Number of Conductors: 5

#### 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	.031

#### Overall Cable

Overall Cabling Color Code Chart:

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

Overall Cabling Separator Material: Rayon Braid, Cotton Serve

Overall Nominal Diameter: 0.318 in.

### Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 69 lbs/1000 ft.

Max. Recommended Pulling Tension: 108 lbs.

Min. Bend Radius/Minor Axis: 3.250 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

## 8425 Multi-Conductor - Microphone/Musical Instrument Cable

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)

3.5

#### Max. Operating Voltage - Non-UL:

Voltage

600 V RMS

#### Max. Recommended Current:

Current

3.2 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8425 010100	100 FT	7.800 LB	BLACK		5 #20 EPDM BRD EPDM
8425 010250	250 FT	19.000 LB	BLACK	C	5 #20 EPDM BRD EPDM

#### Notes:

C = CRATE REEL PUT-UP.

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