

8427 Multi-Conductor - Microphone/Musical Instrument Cable



For more Information
please call

1-800-Belden1



General Description:

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
7	20	26x34	High Conductivity TC - Tinned Copper

Total Number of Conductors: 7

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
EPDM - Ethylene Propylene Diene Monomer Rubber	0.5842

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
EPDM - Ethylene Propylene Diene Monomer Rubber

Overall Cable

Overall Cabling Color Code Chart:

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

Overall Cabling Separator Material: Rayon Braid, Cotton Serve

Overall Nominal Diameter: 9.017 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 132.450 Kg/Km

Max. Recommended Pulling Tension: 604.955 N

Min. Bend Radius/Minor Axis: 88.900 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

METRIC MEASUREMENT VERSION

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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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

52

Nom. Inductance:

Inductance (µH/m)

0.59058

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

98.43

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

180.455

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

33.4662

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

7.5463

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
8427 010100	100 FT	9.800 LB	BLACK		7 #20 EPDM BRD EPDM
8427 010250	250 FT	24.000 LB	BLACK	C	7 #20 EPDM BRD EPDM

Notes:

C = CRATE REEL PUT-UP.

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