

8427 Multi-Conductor - Microphone/Musical Instrument Cable



For more Information
please call

1-800-Belden1

**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

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	Nom. Wall Thickness (mm)
EPDM - Ethylene Propylene Diene Monomer Rubber	1.0414

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

Length (mm)	Twists (m.)
74.167708	1.24968

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

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 132.450 Kg/Km

Max. Recommended Pulling Tension: 604.955 N

Min. Bend Radius (Install)/Minor Axis: 90.170 mm

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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/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

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8427 010100	30 MT	4.445 KG	BLACK		7 #20 EPDM BRD EPDM
8427 010250	76 MT	10.092 KG	BLACK	C	7 #20 EPDM BRD EPDM

Notes:

C = CRATE REEL PUT-UP.

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