




8427 Non-Paired - Microphone/Musical Instrument Cable

	<p style="text-align: center;">For more information please call 1-800-Belden1</p> <p style="text-align: center;"><u>See Put-ups and Colors</u></p>
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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:

CONDUCTOR:

Number of Conductors	7
Total Number of Conductors	7
AWG	20
Stranding	26x34
Conductor Material	High Conductivity TC - Tinned Copper

INSULATION:

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

OVERALL CABLING:

Overall Cabling Lay Length	2.92 in.
Overall Cabling Twists/ft.	4.1

Overall Cabling Color Code Chart :

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

Overall Cabling Separator Material	Rayon Braid, Cotton Serve
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OUTER SHIELD:

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

OUTER JACKET:

Outer Jacket Material	EPDM - Ethylene Propylene Diene Monomer Rubber
Outer Jacket Nominal Wall Thickness	.041 in.



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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.355 in.
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MECHANICAL CHARACTERISTICS:

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	136 lbs.
Min. Bend Radius (Install)	3.55 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	52 Ohms
Nom. Inductance	0.18 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	30 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	55 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	10.2 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	2.3 Ohms/1000 ft
Max. Operating Voltage - Non-UL	600 V RMS
Max. Recommended Current	2.8 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8427 010100	7 #20 EPDM BRD EPDM	100	9.8	BLACK	
8427 010250	7 #20 EPDM BRD EPDM	250	24.25	BLACK	C

C = CRATE REEL PUT-UP.

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