# **Detailed Specifications & Technical Data**



## ENGLISH MEASUREMENT VERSION

# 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 br

	braid shield (85% coverage), EPDM rubber jacket.									
Co	vsical C nductor AWG:		teristic	s (Overall)						
	# Conductors AWG Stranding Conductor Material									
	7	20	0 26x34	High Cond	uctivity T	C - Tinned Copper				
	ulation nsulation	n Materi	al:							
	Insulati	on Mater	ial			Wall Thickness (in.)				
	EPDM -	Ethylene	Propylene	e Diene Monome	r Rubber	.023				
	ter Shie Duter Shi		erial:							
	Type C	uter Shi	eld Materia	al Coverage (%	)					
	Braid T	C - Tinne	ed Copper	85	1					
	ter Jack Duter Jac		terial:		_					
		acket Ma				Nom. Wall Thicknes	s (in.)			
	EPDM -	Ethylene	Propylene	e Diene Monome	r Rubber	.041				
-	Overall Cable Overall Cabling Lay Length & Direction: Length (in.) Twists (ft.) 2.92 4.1									
C	Overall C	Overall Cabling Color Code Chart:								
	Number	abling		ue chart.						
		Color		ue chart.						
	1	Black								
	1 2	r Color Black White								
	1	Black		ue chan.						
	1 2 3	r Color Black White Brown		ue chan.						
	1 2 3 4	Color Black White Brown Green								
	1 2 3 4 5	Color Black White Brown Green Red								
	1 2 3 4 5 6 7	Color Black White Brown Green Red Yellow Blue		tor Material:		Rayon Braid,	Cotton Serve			
	1 2 3 4 5 6 7 0verall	Color Black White Brown Green Red Yellow Blue Cabling		tor Material:		Rayon Braid, 0.355 in.	Cotton Serve			
Мес	1 2 3 4 5 6 7 <b>Overall</b> <b>Overall</b>	Color Black White Brown Green Red Yellow Blue Cabling	g Separat al Diamet	tor Material:	all)	•	Cotton Serve			
Мес	1 2 3 4 5 6 7 Overall Overall	Color Black White Brown Green Red Yellow Blue Cabling Nomina	g Separat al Diamet	tor Material: ter: stics (Overa	all)	•				
Мес	1 2 3 4 5 6 7 Overall Overall Chanica Operati	Color Black White Brown Green Red Yellow Blue Cabling Cabling Nomina	g Separat al Diamet racteris	tor Material: ter: stics (Overa Range:	all)	0.355 in.				
Мес	1 2 3 4 5 6 7 Overall Overall Chanica Operati	Color Black White Brown Green Red Yellow Blue Cabling Nomina al Cha ng Tempe	g Separat al Diamet racteris perature rature Ra	tor Material: ter: stics (Overa Range:	all)	0.355 in. -50°C To +90	)°C			
Med	1 2 3 4 5 6 7 Overall Overall Chanica Operati Non-UL Bulk Ca	Color Black White Brown Green Red Yellow Blue Cabling Cabling Cabling Nomina al Cha ng Tempe able We	g Separat al Diamet racteris perature rature Ra ight:	tor Material: ter: stics (Overa Range:		0.355 in. -50°C To +90 60°C	)°C			

Min. Bend Radius (Install)/Minor Axis: 3.550 in.

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## 8427 Multi-Conductor - Microphone/Musical Instrument Cable

Applicable Specifications and Agency Co	ompliance (Overall)
Applicable Standards & Environmental Prog	rams
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
No	om. 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)

2.3

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

Notes:

C = CRATE REEL PUT-UP.



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