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 Overall Overall	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.

Detailed Specifications & Technical Data



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.



ENGLISH MEASUREMENT VERSION

8427 Multi-Conductor - Microphone/Musical Instrument Cable

Revision Number: 1 Revision Date: 03-07-2008

© 2012 Belden, Inc All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.