Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



8412P Multi-Conductor - Plenum Microphone Cable



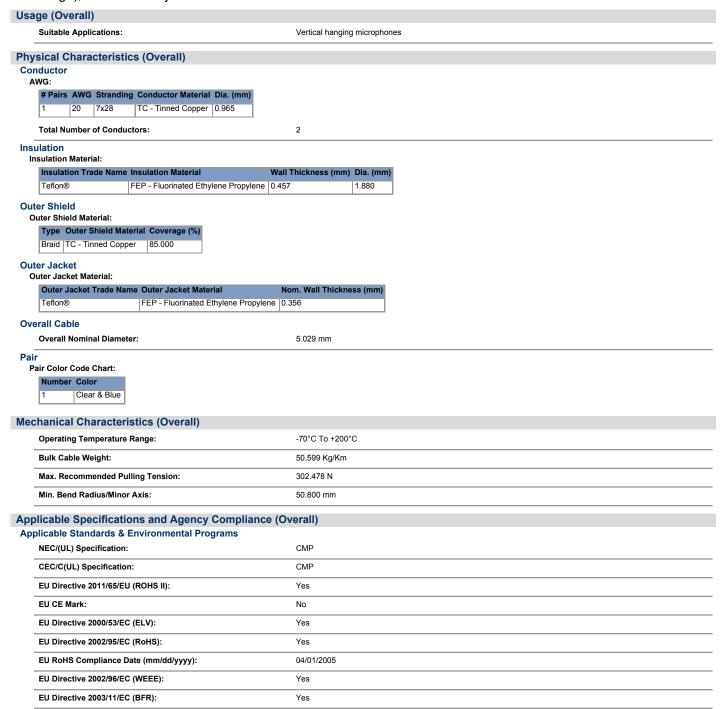
For more Information please call

1-800-Belden1



General Description:

20 AWG stranded (7x28) high-conductivity TC conductors, FEP Teflon® insulation, TC braid shield (85% coverage), FEP Teflon® jacket.



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	CA Prop 65 (CJ for Wire & Cable):	Yes		
	MII Order #39 (China RoHS):	Yes		
Fla	Flame Test			
	UL Flame Test:	NFPA 262		
	CSA Flame Test:	FT6		
Sui	Suitability			
	Suitability - Indoor:	Yes		
	Suitability - Outdoor:	Yes		
	Suitability - Aerial:	Yes		
	Suitability - Burial:	Yes		
Plenum/Non-Plenum				
	Plenum (Y/N):	Yes		
	Non-Plenum Number:	8412		

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m) 0.656

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 60.370

Nominal Velocity of Propagation:

VP (%) 69.500

Nominal Delay:

Delay (ns/m) 4.790

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 31.170

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 12.796

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1.000	1.969
10.000	6.890
50.000	16.405
100.000	24.608
200.000	36.091
400.000	52.496

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Operating Voltage - Non-UL:

Voltage 600 V RMS

Notes (Overall)

Notes: Teflon® is a registered trademark of E.I. DuPont de Nemours and Co. used under license by Belden, Inc.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8412P 0091000	1,000 FT	39.000 LB	WHITE		2 #20 FEP BRD FEP 78 OHM
8412P 009500	500 FT	19.500 LB	WHITE		2 #20 FEP BRD FEP 78 OHM
8412P 0101000	1,000 FT	39.000 LB	BLACK		2 #20 FEP BRD FEP 78 OHM
8412P 010500	500 FT	19.500 LB	BLACK		2 #20 FEP BRD FEP 78 OHM

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Revision Date: 05-23-2017 Revision Number: 0

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