

1800F Paired - Microphone and Musical Instrument Cable



For more information please
call

1-800-Belden1

See Put-ups and Colors

Description:

24 AWG stranded (42x40) high-conductivity bare copper conductors, conductors cabled with fillers, Datalene® insulation, tinned copper French Braid shield (95% coverage), bare copper drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	24
Stranding	42x40
Conductor Diameter	.024 in.
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material Trade Name	Datalene®
Insulation Material	FHDPE - Foam High Density Polyethylene
Insulation Diameter	.058 in.

PAIR:

Pair Color Code Chart :

Number	Color
1	Red & Black

OUTER SHIELD:

Outer Shield Type	French Braid
Outer Shield Material	TC - Tinned Copper
Outer Shield % Coverage	95 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	26
Outer Shield Drain Wire Stranding	30x40
Outer Shield Drain Wire Conductor Material	BC - Bare Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:

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Overall Nominal Diameter	.211 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
Non-UL Temperature Rating	60°C
Bulk Cable Weight	24 lbs/1000 ft.
Max. Recommended Pulling Tension	41.5 lbs.
Min. Bend Radius (Install)	2.25 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CL2R
Other Specification	AES/EBU Digital Audio

FLAME TEST:

UL Flame Test	UL1666 Riser
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	110 Ohms
Nom. Inductance	0.18 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	13 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	26 pF/ft
Nominal Velocity of Propagation	76 %
Nom. Conductor DC Resistance @ 20 Deg. C	23.7 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	5 Ohms/1000 ft
Nom. Attenuation (dB/100 ft) :	

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Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	.384			0.46
	.706			0.67
	.768			0.70
	1.024			0.83
	1.411			1.04
	1.536			1.09
	2.048			1.30
	2.822			1.66
	3.072			1.75
	4.096			2.23
	5.645			2.89
	6.144			3.07
	8.192			3.71
	11.290			4.53
	12.288			4.78
	24.576			7.11

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1800F B591000	#24 PR FHDPE BRD PVC	1000	26	BLACK, MATTE	
1800F B59500	#24 PR FHDPE BRD PVC	500	13.5	BLACK, MATTE	C
1800F B59U1000	#24 PR FHDPE BRD PVC	U1000	26	BLACK, MATTE	
1800F G7VU1000	#24 PR FHDPE BRD PVC	U1000	26	RED, MATTE	
1800F G7WU1000	#24 PR FHDPE BRD PVC	U1000	26	GREEN, MATTE	
1800F G7XU1000	#24 PR FHDPE BRD PVC	U1000	26	BLUE, MATTE	
1800F G8MU1000	#24 PR FHDPE BRD PVC	U1000	26	YELLOW, MATTE	
1800F U90U1000	#24 PR FHDPE BRD PVC	U1000	26	GRAY, MATTE	

C = CRATE REEL PUT-UP.

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