5400FE Non-Paired - Commercial Audio Systems - 2 Conductors Cabled



For more information please call
1-800-Belden1

See Put-ups and Colors

Description:

20 AWG bare copper conductors, PVC insulation, conductors cabled, Beldfoil® shield tape (foil side out) with drain wire, PVC jacket with ripcord, sequential footage marking every two feet.

SUITABLE APPLICATIONS:

Suitable Applications	Intercom/PA Systems, Sound/Audio Systems

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	2
Total Number of Conductors	2
AWG	20
Stranding	7x28
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.

OVERALL CABLING:

Overall Cabling Lay Length	3.0 in.
Overall Cabling Twists/ft.	4.0

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	2	Red

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape w/Shorting Fold
Outer Shield %Coverage	100 %
Outer Shield Drain Wire AWG	22
Outer Shield Drain Wire Stranding	7x30
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

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Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.015 in.
Outer Jacket Ripcord	Yes

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.145 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	15.6 lbs/1000 ft.
Max. Recommended Pulling Tension	37.1 lbs.
Min. Bend Radius (Install)	1.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMR
NEC Articles	800
CEC/C(UL) Specification	CMG
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

FLAME TEST:

UL Flame Test	UL1666 Vertical Shaft
C(UL) Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	6400FE

ELECTRICAL CHARACTERISTICS:

Nom. Inductance	.17 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	56 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	101 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	10.3 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	11.2 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	3.75 Amps per conductor @ 25°C (10°C rise in temp)

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5400FE 0081000	2 #20 PVC FS FRPVC	1000	17	GRAY	C

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5400FE 008500	2 #20 PVC FS FRPVC	500	8.5	GRAY	
5400FE 008C500	2 #20 PVC FS FRPVC	C500	8	GRAY	
5400FE 008U1000	2 #20 PVC FS FRPVC	U1000	17	GRAY	
5400FE 008U500	2 #20 PVC FS FRPVC	U500	9	GRAY	

C = CRATE REEL PUT-UP.

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