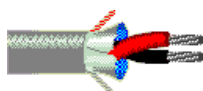


## 5400FH Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1



### General Description:

Security & Commercial Audio Cable, Riser-CMR, 2-20 AWG stranded tinned copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

### Usage (Overall)

Suitable Applications: Intercom/PA Systems, Sound/Audio Systems

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	20	7x28	TC - Tinned Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.203

#### Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	Solid	TC - Tinned Copper

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

Outer Jacket Ripcord: Yes

### Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 3.607 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

Bulk Cable Weight: 19.347 Kg/Km

Max. Recommended Pulling Tension: 165.028 N

Min. Bend Radius/Minor Axis: 38.100 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

NEC Articles: 800

CEC/C(UL) Specification: CMG

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

## METRIC MEASUREMENT VERSION

### 5400FH Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

EU Directive 2002/95/EC (RoHS):	Yes
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

#### Flame Test

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

#### Suitability

Suitability - Indoor:	Yes
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#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6400FH

#### Surface Printing (Overall)

Surface Printing:	NEW GENERATION(R) BY BELDEN 5400FE CMR 75C 2C20 SHIELDED (UL) E108998 OR C(UL) CMG----FT4 (2 FT., 7 DIGIT SEQUENTIAL) FEET
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#### Electrical Characteristics (Overall)

##### Nom. Inductance:

Inductance (µH/m)  
0.509

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)  
131.240

##### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)  
236.232

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)  
33.7943

##### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)  
54.793

##### Max. Operating Voltage - UL:

Voltage  
300 V RMS

##### Max. Recommended Current:

Current  
3.75 Amps per conductor @ 25°C (10°C rise in temp)

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5400FH 008U1000	1,000 FT	14.000 LB	GRAY		2 #20 PO FS FRPVC
5400FH 0081000	1,000 FT	14.000 LB	GRAY		2 #20 PO FS FRPVC

Revision Number: 0    Revision Date: 08-28-2015

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).