



## Part Number: 6500FH

Security & Commercial Audio Cable, 2 Conductor 22 AWG, Flamarrest® Jacket, CMP

### Product Description

Security & Commercial Audio Cable, Plenum-CMP, 2-22 AWG stranded tinned copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

### Technical Specifications

#### Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	Intercom/PA Systems and Sound/Audio Systems

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	2

Conductor Count:	2
Conductor Size:	24 AWG

##### Insulation

Material	Material Trade Name	Nominal Diameter
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.048 in

##### Color Chart

Number	Color
1	Black
2	Red

##### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	24

##### Outer Jacket Material

Material	Nominal Diameter
LS PVC - Low Smoke Polyvinyl Chloride	0.130 in

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
16.4 Ohm/1000ft	15.3 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
55 pF/ft	99 pF/ft
Shielding:	Foil(s) or Copper Tape(s)

##### Inductance

Nominal Inductance
0.17 µH/ft

## Current

### Max. Recommended Current [A]

2.8 Amps per conductor @ 25°C ambient

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	0°C to +75°C

## Mechanical Characteristics

Max Recommended Pulling Tension:	24 lbs
Min Bend Radius/Minor Axis:	1.5 in

## Standards

NEC Articles:	800
NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes

## Suitability

Suitability - Aerial:	No
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Sunlight Resistance:	No

## Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	Y
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## Part Number

Non-Plenum Number:	5500FH
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## Variants

Item #	Color
6500FH 010U1000	Black
6500FH 8771000	Natural
6500FH 877U1000	Natural
6500FH 009U1000	White

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