



**Part Number: 6100FH**

**Security & Sound, 2 Conductor 14 AWG TC, CL2P**

## Product Description

Security & Commercial Audio Cable, 2 Conductor 14 AWG stranded (19x27) tinned copper conductors with Flammarrest® insulation, Beldfoil® shield, plenum CL2P rating and Flammarrest® low smoke PVC jacket with ripcord.

## Technical Specifications

### Product Overview

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

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
12	19x27	TC - Tinned Copper	0.076 in	2

Conductor Count:	2
Conductor Size:	14 AWG

#### Insulation

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flammarrest®	0.098 in	0.011 in

#### Color Chart

Number
Black
White

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material
Tape	Aluminum/Polyester	Beldfoil®	100.0 %	TC - Tinned Copper

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	0.230 in	0.015 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
2.54 Ohm/1000ft	10 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
54.0 pF/ft	97.3 pF/ft

Shielding:	Foil(s) or Copper Tape(s)
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#### Inductance

Nominal Inductance
0.150 µH/ft

## Current

### Max. Recommended Current [A]

8 Amps

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

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

## Mechanical Characteristics

UV Resistance:	No
Bulk Cable Weight:	46 lbs/1000ft
Max Recommended Pulling Tension:	125 lbs
Min Bend Radius/Minor Axis:	2.25 in

## Standards

NEC/(UL) Specification:	CL2P
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## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/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:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
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):	Yes
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## Part Number

Non-Plenum Number:	5100FH
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## Variants

Item #	Color
6100FH 8771000	Natural

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