



**Part Number: 5101FH**

Security & Sound, 3 Conductor 14 AWG TC, Shielded, Riser

## Product Description

Security & Commercial Audio Cable, 3 Conductor 14 AWG stranded (19x27) tinned copper conductors with polyolefin insulation, Beldfoil® shield, Riser, PVC jacket with ripcord.

## Technical Specifications

### Product Overview

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

### Physical Characteristics (Overall)

#### Conductor

Element	AWG	Stranding	Material	No. of Pairs
3	19x27	19x27	TC - Tinned Copper	14

Conductor Count:	3
Conductor Size:	14 AWG

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.011 in

#### Color Chart

Number	Color
1	Black
2	White
3	Red

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	22

#### Outer Jacket Material

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
2.54 Ohm/1000ft	11.3 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
83 pF/ft	149.4 pF/ft
Shielding:	Foil(s) or Copper Tape(s)

#### Inductance

Nominal Inductance
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0.15 µH/ft

#### Voltage

##### UL Voltage Rating

300 V RMS

#### Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

#### Mechanical Characteristics

Bulk Cable Weight:	54 lbs/1000ft
Max Recommended Pulling Tension:	172.9 lbs
Min Bend Radius/Minor Axis:	2.5 in

#### Standards

NEC Articles:	725
NEC/(UL) Specification:	CL3R

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	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 - Indoor:	Yes
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#### Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1666 Vertical Shaft
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6101FH

#### Part Number

##### Variants

Item #	Color
5101FH 0081000	Gray

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