



Product: [5300FH](#) 

Security & Sound, 2 Conductor 18 AWG, TC, Shielded, Riser

Product Description

Security & Commercial Audio Cable, 2 Conductor 18 AWG stranded (7x26) tinned copper conductors with polyolefin insulation, Beldfoil® shield, Riser, PVC jacket with ripcord.

Technical Specifications

Product Overview

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

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	18 AWG	7x26	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.062 in (1.6 mm)	Black, Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.162 in

Overall Cable Diameter (Nominal):	0.162 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Inductance	Max. Current
6.5 Ohm/1000ft	53 pF/ft (170 pF/m)	95.5 pF/ft (313 pF/m)	0.145 µH/ft (0.476 µH/m)	5 Amps per Conductor at 25°C

Nom Outer Shield DCR@Cond DCR1-cnvt:	16.25 Ohm/1000ft (53.31 Ohm/km)
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Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.62 in (41.1 mm)	1.62 in

Max. Pull Tension:	50 lbs (23 kg)
Bulk Cable Weight:	18 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6300FH

History

Update and Revision:	Revision Number: 0.171 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
5300FH 0101000	Black	Reel	1,000 ft	612825159100
5300FH 008500	Gray	Reel	500 ft	612825159001
5300FH 008U500	Gray	UnReel	500 ft	612825159049
5300FH 0081000	Gray	Reel	1,000 ft	612825159032
5300FH 008U1000	Gray	UnReel	1,000 ft	612825159018

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