




Product: [5200FH](#) 

Security & Sound, 2 Conductor 16 AWG, TC, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-16 AWG stranded tinned copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	TC - Tinned Copper	2

Conductor Count:	2
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24

Outer Jacket

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.017 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
4 Ohm/1000ft	14.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
58 pF/ft	114 pF/ft

Inductance

Nominal Inductance
0.14 µH/ft

Current

Max. Recommended Current [A]

6.25 Amps per Conductor at 25°C

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:	26 lbs/1000ft
Max. Pull Tension:	85.5 lbs
Min. Bend Radius/Minor Axis:	2.0 in

Standards

NEC Articles:	Article 800
NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	N
Plenum Number:	6200FH

Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
5200FH 008500	Gray	Reel	500 ft	612825157328
5200FH 0081000	Gray	Reel	1,000 ft	612825157342
5200FH 008U1000	Gray	UnReel	1,000 ft	612825157359
5200FH 009U1000	White	UnReel	1,000 ft	612825336525

History

Update and Revision:	Revision Number: 0.163 Revision Date: 08-27-2021
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