
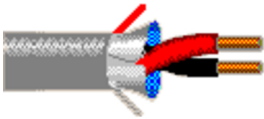


Product: [5520FE](#) 



Security & Sound, 2 Conductor 22 AWG BC, Shielded, Riser

Product Description

Security & Commercial Audio Cable, 2 Conductor 22 AWG solid bare 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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	Solid	BC - Bare Copper	2

Conductor Count:	2
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.007 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Alum / Poly	Beldfoil®	100 %	TC - Tinned Copper	24	Solid

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.118 in	0.017 in	Yes

Construction and Dimensions

Cabling

Twists
8 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
15.7 Ohm/1000ft	17.9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
40 pF/ft	72 pF/ft

Inductance

Nominal Inductance
0.17 µH/ft

Current

Max. Recommended Current [A]
2.8 Amps per conductor @ 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:	9 lbs/1000ft
Max Recommended Pulling Tension:	23.4 lbs
Min Bend Radius/Minor Axis:	1.25 in

Standards

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

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Riser
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 Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

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):	No
Plenum Number:	6520FE

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
5520FE 0081000	Gray	Reel	1,000 ft	612825164005
5520FE 008C1000	Gray	Coil	1,000 ft	612825164012
5520FE 008U1000	Gray	UnReel	1,000 ft	612825426103
5520FE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825164074

History

Update and Revision:	Revision Number: 0.282 Revision Date: 04-28-2020
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