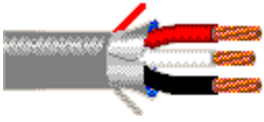


Part Number: 5501FE

Security & Sound, 3 Conductor 22 AWG BC, Shielded, Riser



Product Description

Security & Commercial Audio Cable, 3 Conductor 22 AWG stranded (7x30) bare 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

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	3

Conductor Count:	3
Conductor Size:	22 AWG

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

Color Chart

Number	Color
1	Black
2	Red
3	White

Outer Shield Material

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

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.133 in	0.017 in	Yes

Construction and Dimensions

Cabling

Lay Direction	Twists
Left Hand	6 twist/ft

Print Legend:	NEW GENERATION(R) BY BELDEN 5501FE CMR 75C 3C22 SHIELDED (UL) E108998 OR C(UL) CMG----FT4 (2 FT., 7 DIGIT SEQUENTIAL) FEET
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Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
16.4 Ohm/1000ft	16.1 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
28.25 pF/ft	51 pF/ft

Shielding:	Multiple or Specialty
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Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C ambient: 2.8 A

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:	12 lbs/1000ft
Max Recommended Pulling Tension:	32.8 lbs
Min Bend Radius/Minor Axis:	1.5 in

Standards

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

Applicable Environmental and Other Programs

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 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
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, 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:	6501FH

Part Number

Variants

Item #	Color	Footnote
5501FE.00152	Gray	
5501FE.00305	Gray	
5501FE.00U305	Gray	
5501FE 0081000	Gray	C
5501FE 008500	Gray	

5501FE 008U1000	Gray	
5501FE 008U500	Gray	

Footnote: C - CRATE REEL PUT-UP.

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