

Part Number: 5506FE

Security & Sound, #22-8c, BC, Shielded, CMR

Product Description

Security & Sound Cable, Riser-CMR, 8-22 AWG stranded bare copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	BC - Bare Copper	8

Conductor Count:	8
Conductor Size:	22 AWG

Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

Color Chart

Color
Black
Red
White
Green
Brown
Blue
Orange
Yellow

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	0.187 in	0.018 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
16.4 Ohm/1000ft	15.9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
22.5 pF/ft	40.5 pF/ft

Current

Element	Max. Recommended Current [A]
10C temperature Rise	2 Amps per conductor @ 25°C 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:	26 lbs/1000ft
Max Recommended Pulling Tension:	78.3 lbs
Min Bend Radius/Minor Axis:	1.875 in

Standards

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

Applicable Environmental and Other Programs

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

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1666 Riser
CSA Flammability:	FT4
UL voltage rating:	300 V RMS

Part Number

Variants

Item #	Color	Footnote
5506FE.00305	Chrome	
5506FE 0081000	Gray	C
5506FE 008U1000	Gray	
5506FE 008U500	Gray	
5506FE 0051000	Green	

Footnote:	C - CRATE REEL PUT-UP.

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