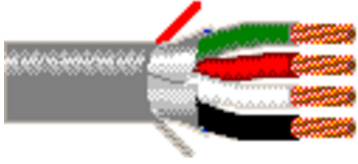


Part Number: 6502FE



Security & Alarm Cable, Plenum-CMP, 4-22 AWG stranded bare copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

Product Description

Security & Sound Cable, Plenum-CMP, 4-22 AWG stranded bare copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® jacket with ripcord

Technical Specifications

Use

Suitable Applications:	22 AWG Bare Copper Conductors ~ Flamarrest® Insulation ~ Conductors Cabled ~ Overall Beldfoil® Tape Shield (Foil Side Out) And Drain Wire ~ Natural Flamarrest® Jacket With Ripcord ~ Sequential Footage Marking Every Two Feet
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	BC - Bare Copper	4

Conductor Count:	4
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Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.009 in

Color Chart

Color
Black
Red
White
Green

Outer Shield Material

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

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.147 in	0.015 in	Yes

Electrical Characteristics

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
33 pF/ft	59 pF/ft

Construction and Dimensions

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
16.2 Ohm/1000ft	15.3 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
10C Temperature Rise	Per conductor @ 25°C: 2.2 A

Voltage

UL Voltage Rating
300V RMS

Applicable Standards & Environmental Programs

CEC/C(UL) Specification:	CMP
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
CPR Euroclass:	Eca
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Standards

NEC Articles:	800
NEC/(UL) Specification:	CMP

Flame Test

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262 Plenum Flame Test (UL910)

Suitability

Suitability - Indoor:	Y
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Mechanical Characteristics

Operating Temp Range:	0°C To +75°C
Bulk Cable Weight:	17 lbs/1000ft
Max Recommended Pulling Tension:	42 lbs
Min Bend Radius/Minor Axis:	1.5 in

Plenum/Non-Plenum

Plenum (Y/N):	Y
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Part Number

Non-Plenum Number:	5502FE
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History

Variants

Item #	Color
6502FE 8771000	

6502FE 877500	
6502FE 877U1000	
6502FE 877C500	Natural
6502FE 0071000	Violet
6502FE 0071000	Violet
6502FE 007U1000	Violet
6502FE 007U1000	Violet

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