



Product: [6502UH](#)

Security & Sound, 4 Conductor 22 AWG, TC, CMP

Product Description

Security & Alarm Cable, 4 Conductor 22 AWG stranded (7x30) tinned copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord, Plenum rated.

Technical Specifications

Product Overview

Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, and Single Line Telephone.
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
22	7x30	TC - Tinned Copper	0.030 in	4

Insulation

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.048 in

Color Chart

Number	Color
1	Black
2	Red
3	White
4	Green

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.146 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.1 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
27 pF/ft

Current

Max. Recommended Current [A]
2.2

Voltage

UL Description	UL Voltage Rating
Max. Operating Voltage - UL	300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	0°C to +75°C

Mechanical Characteristics

Bulk Cable Weight:	15 lbs
Max. Pull Tension:	26 lbs
Min Bend Radius/Minor Axis:	1.5 in

Standards

NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/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:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

Suitability

Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	5502UH
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Variants

Item #	Color	Putup Type	Length	UPC
6502UH 8771000	Natural	Reel	1,000 ft	612825177777
6502UH 877U1000	Natural	UnReel	1,000 ft	612825178101

Product Notes

Notes:	Ripcord under jacket
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History

Update and Revision:	Revision Number: 0.32 Revision Date: 06-24-2020
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