

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.

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.0095 in (0.24 mm)	0.048 in (1.2 mm)	Black, Red, White, Green

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.146 in	Yes

Overall Cable Diameter (Nominal):	0.146 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
17.9 Ohm/1000ft	27 pF/ft (89 pF/m)	2.2 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.46 in (37.1 mm)	1.46 in

Max. Pull Tension:	36.4 lbs (16.5 kg)
Bulk Cable Weight:	15 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5502UH

History

Update and Revision:	Revision Number: 0.52 Revision Date: 02-03-2025

Part Numbers

Variants

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

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