BELDEN

Product: [6200UH](#) ⧉

Security & Sound, 2 Conductor 16 AWG, TC, Plenum

Product Description

Security & Commercial Audio Cable, 2 Conductor 16 AWG stranded (19x29) tinned copper conductors with Flamarrest® insulation, Plenum, Flamarrest® jacket with ripcord.

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	16 AWG	19x29	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	0.077 in (2.0 mm)	Black And White

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.184 in	Yes

Overall Cable Diameter (Nominal):	0.184 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
4.4 Ohm/1000ft	36.5 pF/ft (120 pF/m)	6.25 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.
1.84 in (46.7 mm)	1.84 in

Max. Pull Tension:	60.8 lbs (27.6 kg)
Bulk Cable Weight:	24 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 CE Mark, 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:	5200UH

History

Update and Revision:	Revision Number: 0.244 Revision Date: 03-04-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6200UH 010U1000	Black	UnReel	1,000 ft	612825421696
6200UH 010Z1000	Black	ReelTuff Box	1,000 ft	612825174127
6200UH 008U1000	Gray	UnReel	1,000 ft	612825174097
6200UH 877500	Natural	Reel	500 ft	612825174110
6200UH 8771000	Natural	Reel	1,000 ft	612825174134
6200UH 877U1000	Natural	UnReel	1,000 ft	612825174165
6200UH 009U1000	White	UnReel	1,000 ft	612825174103