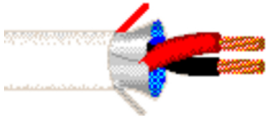


Part Number: 6500PE

Security & Sound, 1 Pair 22 AWG, TC, Individually Shielded, CMP



Product Description

Security & Commercial Audio Cable, Plenum-CMP, 2-22 AWG stranded tinned copper pairs with Flamarrest® insulation, Individually Beldfoil® shielded and Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

Environmental Space:	Indoor - Plenum
Suitable Applications:	Intercom/PA Systems and Sound/Audio Systems

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	2

Conductor Count:	2
Conductor Size:	22 AWG

Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.01 in

Color Chart

Number	Color
1	Black
2	Red

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	Beldfoil®	100 %	TC - Tinned Copper	24	7x32 mm

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.13 in	0.015 in	Yes

Construction and Dimensions

Cabling

Lay Length	Twists
2.5 in	4.8 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
16.4 Ohm/1000ft	16.75 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield

45 pF/ft	81 pF/ft
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Shielding:	Individually Foiled + No Overall
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Inductance

Nominal Inductance
0.18 µH/ft

Current

Max. Recommended Current [A]
Per conductor @ 25°C: 2.8 A

Voltage

UL Voltage Rating
300V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	11 lbs/1000ft
Max Recommended Pulling Tension:	24 lbs
Min Bend Radius/Minor Axis:	1.3 in

Standards

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

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	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):	2010-03-23
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262
UL Voltage Rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Variants

Item #	Color
6500PE 0101000	BLACK
6500PE 010U1000	BLACK
6500PE 0091000	WHITE
6500PE 009500	WHITE
6500PE 009500	WHITE

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