



Product: [6345PC](#)



Security & Sound, 6 Pair 18 AWG BC, Individually Shielded, Plenum

Product Description

Security, Pro Audio & Intercom Cable, 6 Pair 18 AWG stranded (7x26) bare copper pairs with FEP insulation, Individually Beldfoil® shielded, Plenum, Flammarrest® jacket.

Technical Specifications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	6	18 AWG	7x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	FEP - Fluorinated Ethylene Propylene	0.0095 in (0.24 mm)	0.0655 in (1.66 mm)	Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown, Black & Red

Inner Shield

Element	Shield Type	Material	Coverage	Drainwire Type
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
FEP - Fluorinated Ethylene Propylene	0.019 in (0.48 mm)	0.402 in	Yes

Overall Cable Diameter (Nominal): 0.402 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
6.5 Ohm/1000ft	15.7 Ohm/1000ft (51.5 Ohm/km)	44 pF/ft (140 pF/m)	79.2 pF/ft (260 pF/m)	3.5 Amps per Conductor at 25°C

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.

4.02 in (102 mm)	4.02 in
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Max. Pull Tension:	274 lbs (124 kg)
Bulk Cable Weight:	111 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)

History

Update and Revision:	Revision Number: 0.379 Revision Date: 12-20-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
6345PC 8771000	Natural	Reel	1,000 ft	612825176565	C

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