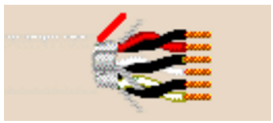
Product: 6342PC



Security & Sound, 3 Pair 18 AWG, BC, Individually Shielded, CMP

Product Description

Security, Pro Audio & Intercom Cable, Plenum-CMP, 3-18 AWG stranded bare copper pairs with FEP insulation, Individually Beldfoil® shielded and Flamarrest® jacket

Technical Specifications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	3	18 AWG	7x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	FEP - Fluorinated Ethylene Propylene	0.01 in (0.25 mm)	0.066 in (1.7 mm)	Black & Red, Black & White, Black & Green

Inner Shield

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

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.0165 in (0.419 mm)	0.3 in	Yes

Overall Cable Diameter (Nominal):	0.300 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Inductance	Max. Current
6.93 Ohm/1000ft	14.4 Ohm/1000ft (47.2 Ohm/km)	44 pF/ft (140 pF/m)	79.2 pF/ft (260 pF/m)	0.16 µH/ft (0.52 µH/m)	9.8 Amps per Conductor at 30°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C to +75°C

Bend Radius

Stationary Min.	Installation Min.

3 in (76 mm)	3 in

Max. Pull Tension:	139.9 lbs (63.46 kg)
Bulk Cable Weight:	58 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 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: 0.376 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
6342PC 8771000	Natural	Reel	1,000 ft	612825176404	C

Footnote:	C - CRATE REEL PUT-UP.

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