


**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

#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Pairs
18	7x26	BC - Bare Copper	3

Conductor Count:	4
Total Number of Pairs:	3

##### Insulation

Material	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.01 in

##### Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green

##### Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24	7x32

##### Outer Shield Material

Material
No Shield

##### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.3 in	0.0165 in	Yes

#### Electrical Characteristics

##### Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Inner Shield DCR
14.4 Ohm/1000ft	6.5 Ohm/1000ft	14.4 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
44 pF/ft	79.2 pF/ft

##### Inductance

**Nominal Inductance**

0.16 µH/ft

**Current****Max. Recommended Current [A]**

3.5 Amps per Conductor at 25°C

**Voltage****UL Voltage Rating**

300 V RMS

**Temperature Range**

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

**Mechanical Characteristics**

Bulk Cable Weight:	61.7 lbs/1000ft
Max. Pull Tension:	176.4 lbs
Min Bend Radius/Minor Axis:	3 in

**Standards**

NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP

**Applicable Environmental and Other Programs**

Environmental Space:	Indoor - Plenum
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

**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	Putup Type	Length	UPC
6342PC 8771000	Natural	Reel	1,000 ft	612825176404

Footnote: C - CRATE REEL PUT-UP.

**History**

Update and Revision:	Revision Number: 0.332 Revision Date: 02-16-2021
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