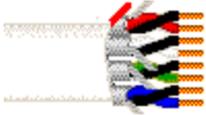


**Part Number: 6343PC**

**Security & Sound, 4 Pair 18 AWG BC, Individually Shielded, Plenum**



## Product Description

Security, Pro Audio & Intercom Cable, 4 Pair 18 AWG stranded (7x26) bare copper pairs with FEP insulation, Individually Beldfoil® shielded, Plenum, Flammarrest® jacket.

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Plenum
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
18	7	BC - Bare Copper	4

Total Number of Pairs:	4
AWG Size:	18

#### 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
4	Black & Blue

#### Inner Shield Material

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

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flammarrest®	0.332 in	0.0165 in	Yes

### Construction and Dimensions

#### Stranding

Lay Length
1.875 in

### Electrical Characteristics

#### Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR
14.4 Ohm/1000ft	6.5 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 $\mu$ H/ft

#### Current

Max. Recommended Current [A]
3.5 Amps per conductor @ 25°C

#### 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:	79.9 lbs/1000ft
Max Recommended Pulling Tension:	235.2 lbs
Min Bend Radius/Minor Axis:	3.25 in

#### Standards

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

#### Applicable Environmental and Other Programs

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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262

#### Part Number

Plenum (Y/N):	Yes
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#### Variants

Item #	Color	Footnote
6343PC 8771000	NATURAL	C

Footnote:	C - CRATE REEL PUT-UP.
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