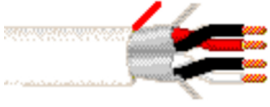


Part Number: 6341PC

Security & Sound, 2 Pair 18 AWG, BC, Individually Shielded, CMP



Product Description

Security, Pro Audio & Intercom Cable, Plenum-CMP, 2-18 AWG stranded bare copper pairs with FEP insulation, Individually Beldfoil® shielded and Flamarrest® 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	2

Conductor Count:	3
Total Number of Pairs:	2
Conductor Size:	18 AWG

Insulation

Material	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.01 in

Color Chart

Number	Color
1	Black and Red
2	Black and White

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 %	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	Flamarrest®	0.281 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	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

Shielding:	Individually Foiled + No Overall
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Inductance

Nominal Inductance
0.16 µH/ft

Current

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

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	75°C
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Mechanical Characteristics

Bulk Cable Weight:	43.3 lbs/1000ft
Max Recommended Pulling Tension:	117.6 lbs
Min Bend Radius/Minor Axis:	2.75 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
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Variants

Item #	Color	Footnote
6341PC 8771000	Natural	C
6341PC 877500	Natural	
6341PC 877U1000	Natural	

Footnote:	C - CRATE REEL PUT-UP.
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