# **Detailed Specifications & Technical Data**

## **ENGLISH MEASUREMENT VERSION**



# 6343PC Multi-Conductor - Pro Audio and Intercom Systems



For more Information please call

1-800-Belden1



# **Description:**

18 AWG BC cond, FEP insul, cond twisted into pairs and individually shielded w/Beldfoil® tape (alum side facing in), drain wire, multiple pairs cabled together, Flamarrest® jkt, ripcord. Seq ftg marking every two ft.

# **Physical Characteristics (Overall)**

#### Conductor

#### AWG:

# Pairs	AWG	_	<b>Conductor Material</b>
4	18	7	BC - Bare Copper

#### Insulation

## Insulation Material:

Insulation Material	Wall Thickness (in.)
FEP - Fluorinated Ethylene Propylene	.010

#### **Inner Shield**

#### Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

### Inner Shield Drain Wire AWG:

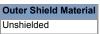


Inner Shield Drain Wire Stranding: 7

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

## **Outer Shield**

#### **Outer Shield Material:**



### **Outer Jacket**

#### **Outer Jacket Material:**

<b>Outer Jacket Trade Name</b>	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.0165

Outer Jacket Ripcord: Yes

## **Overall Cable**

Overall Nominal Diameter: 0.332 in.

## Pair

### **Pair Color Code Chart:**

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

## Pair Lay Length & Direction:

-	-
Lay Length	(in.)
1.875	

Page 1 of 3 01-06-2012

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Mechanical Characteristics (Overall)			
Operating Temperature Range:	0°C To +75°C		
UL Temperature Rating:	75°C		
Bulk Cable Weight:	79.900 lbs/1000 ft.		
Max. Recommended Pulling Tension:	235.200 lbs.		
Min. Bend Radius (Install)/Minor Axis:	3.250 in.		
Appliable Specifications and Agency Compliance (Overall)			

## **Applicable Specifications and Agency Compliance (Overall)**

## **Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Flame Test	
UL Flame Test:	NFPA 262
C(UL) Flame Test:	FT6
Planum/Non Planum	

# Plenum/Non-Plenum

Plenum (Y/N): Yes

# **Electrical Characteristics (Overall)**

Nom. Inductance:

Inductance (µH/ft)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft) 79.2

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Ind. Pair Nominal Shield DC Resistance @ 20 14.400 Ohm/1000 ft Deg. C:

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

3.5 Amps per conductor @ 25°C

## **Related Documents:**

# **Detailed Specifications & Technical Data**





## 6343PC Multi-Conductor - Pro Audio and Intercom Systems

No related documents are available for this product

## **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6343PC 8771000	1,000 FT	88.000 LB	NATURAL	С	4 #18 FS PR FEP FLRST

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 07-01-2008

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