

## 6345PC 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 fmg marking every two ft.

**Physical Characteristics (Overall)****Conductor**

AWG:

# Pairs	AWG	Stranding	Conductor Material
6	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:

AWG
20

Inner Shield Drain Wire Stranding: 7

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

**Outer Shield**

Outer Shield Material:

Outer Shield Material
Unshielded

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.019

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 0.402 in.

**Pair**

Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown

Pair Lay Length & Direction:

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Lay Length (in.)

1.875

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	120.300 lbs/1000 ft.
Max. Recommended Pulling Tension:	352.800 lbs.
Min. Bend Radius (Install)/Minor Axis:	4 in.

**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

**Plenum/Non-Plenum**

Plenum (Y/N):	Yes
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**Electrical Characteristics (Overall)****Nom. Inductance:**

Inductance (μH/ft)

.16

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)

44

**Nom. Capacitance Cond. to Other Conductor & Shield:**

Capacitance (pF/ft)

79.2

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

6.5

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

7.2

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	14.400 Ohm/1000 ft
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**Max. Operating Voltage - UL:**

Voltage

300 V RMS

## 6345PC Multi-Conductor - Pro Audio and Intercom Systems

## Max. Recommended Current:

Current
3.5 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6345PC 8771000	1,000 FT	132.000 LB	NATURAL	C	6 FSPR #18 FEP FLRST

## Notes:

C = CRATE REEL PUT-UP.

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