

## 6341PC Multi-Conductor - Pro Audio and Intercom Systems

 For more Information  
 please call

1-800-Belden1

**General Description:**

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

**Physical Characteristics (Overall)****Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
2	18	7	BC - Bare Copper

**Total Number of Conductors:** 4
**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (mm)
FEP - Fluorinated Ethylene Propylene	0.254

**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
24

**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 (mm)
Flammarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.4191

**Outer Jacket Ripcord:** Yes
**Overall Cable**
**Overall Nominal Diameter:** 7.137 mm
**Pair****Pair Color Code Chart:**

Number	Color
1	Black and Red
2	Black and White

**Pair Lay Length & Direction:**

Lay Length (mm)
47.625

## 6341PC Multi-Conductor - Pro Audio and Intercom Systems

**Mechanical Characteristics (Overall)**

UL Temperature Rating:	75°C
Bulk Cable Weight:	64.439 Kg/Km
Max. Recommended Pulling Tension:	523.108 N
Min. Bend Radius/Minor Axis:	69.850 mm

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
EU Directive 2011/65/EU (ROHS II):	Yes
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/m)
0.52496

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)
144.364

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

Capacitance (pF/m)
259.855

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)
21.327

**Nom. Inner Shield DC Resistance:**

DCR @ 20°C (Ohm/km)
47.246

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	47.246 Ohm/km
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**Max. Operating Voltage - UL:**

Voltage
300 V RMS

**Max. Recommended Current:**

## 6341PC Multi-Conductor - Pro Audio and Intercom Systems

**Current**

4 Amps per conductor @ 25°C

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6341PC 877U1000	1,000 FT	43.000 LB	NATURAL		2 #18 FS PR FEP FLRST
6341PC 877I1000	1,000 FT	45.000 LB	NATURAL	C	2 #18 FS PR FEP FLRST
6341PC 877500	500 FT	24.500 LB	NATURAL		2 #18 FS PR FEP FLRST

**Notes:**

C = CRATE REEL PUT-UP.

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