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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	Stranding	Conductor Material
3	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
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 (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.0165

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 0.300 in.

#### Pair

##### Pair Color Code Chart:

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

##### Pair Lay Length & Direction:

Lay Length (in.)
1.875

### Mechanical Characteristics (Overall)

Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	61.700 lbs/1000 ft.
Max. Recommended Pulling Tension:	176.400 lbs.
Min. Bend Radius (Install)/Minor Axis:	3 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

#### Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

14.400

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

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

## 6342PC Multi-Conductor - Pro Audio and Intercom Systems

### 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
6342PC 8771000	1,000 FT	69.000 LB	NATURAL	C	3 #18 FS PR FEP FLRST

#### Notes:

C = CRATE REEL PUT-UP.

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