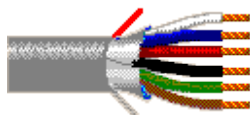


6304FE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1

**Description:**

18 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, overall Beldfoil® tape shield (foil side out) and drain wire, Flamarrest® jacket with ripcord. Sequential footage marking every two feet.

Usage (Overall)**Suitable Applications:**

Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls

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

# Conductors	AWG	Stranding	Conductor Material
6	18	7x26	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.009

Outer Shield**Outer Shield Material:**

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

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	7x32	TC - Tinned Copper

Outer Jacket**Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015

Outer Jacket Ripcord:

Yes

Overall Cable**Overall Cabling Color Code Chart:**

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

Overall Nominal Diameter:

0.226 in.

Mechanical Characteristics (Overall)**Operating Temperature Range:**

0°C To +75°C

UL Temperature Rating:

75°C

Bulk Cable Weight:

48.300 lbs/1000 ft.

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Max. Recommended Pulling Tension:	148.400 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMP
NEC Articles:	800
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
Non-Plenum Number:	5304FE

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
42

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
76

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.500

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
14.400

Max. Operating Voltage - UL:

Voltage
300 V RMS

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
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6304FE 0071000	1,000 FT	50.000 LB	VIOLET		6 #18 FLRST FS FLRST
6304FE 877U500	500 FT	25.500 LB	NATURAL		6 #18 first fs first
6304FE 8771000	1,000 FT	52.000 LB	NATURAL	C	6 #18 FLRST FS FLRST

Notes:

C = CRATE REEL PUT-UP.

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