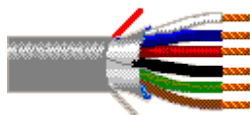


6504FE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1

**Description:**

22 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.

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

# Conductors	AWG	Stranding	Conductor Material
6	22	7	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.229

Outer Shield**Outer Shield Material:**

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

Outer Jacket**Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.381

Outer Jacket Ripcord: Yes

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

Color
Black
Red
White
Green
Brown
Blue

Overall Nominal Diameter: 4.445 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	0°C To +75°C
Bulk Cable Weight:	36.312 Kg/Km
Max. Recommended Pulling Tension:	267.337 N
Min. Bend Radius (Install)/Minor Axis:	45.720 mm

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

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP

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

UL Flame Test:	NFPA 262
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CSA Flame Test:	FT6
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Non-Plenum Number:	5504FE
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Electrical Characteristics (Overall)**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)

108.273

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

193.579

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

53.1522

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

50.1993

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2 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
6504FE 004U1000	305 MT	11.793 KG	YELLOW		6 #22 FLRST FS FLRST
6504FE 0041000	305 MT	11.793 KG	YELLOW		6 #22 FLRST FS FLRST
6504FE 0071000	305 MT	11.793 KG	VIOLET		6 #22 FLRST FS FLRST
6504FE 877C500	152 MT	4.082 KG	NATURAL		6 #22 FLRST FS FLRST
6504FE 877U1000	305 MT	11.793 KG	NATURAL		6 #22 FLRST FS FLRST
6504FE 877U500	152 MT	6.124 KG	NATURAL		6 #22 FLRST FS FLRST
6504FE 8771000	305 MT	11.793 KG	NATURAL	C	6 #22 FLRST FS FLRST
6504FE 877500	152 MT	6.124 KG	NATURAL	C	6 #22 FLRST FS FLRST

Notes:

C = CRATE REEL PUT-UP.

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