

6504UE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1

**General Description:**

Security & Alarm Cable, Plenum-CMP 6-22 AWG stranded bare copper conductors with Flammarrest® insulation, Flammarrest® jacket with ripcord

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

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

Total Number of Conductors: 6

Insulation**Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Flammarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.203

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	0.381

Outer Jacket Ripcord: Yes

Overall Cable**Overall Cabling Lay Length & Direction:**

Length (mm)
69.849725

Overall Cabling Color Code Chart:

Color
Black
Red
White
Green
Brown
Blue

Overall Nominal Diameter: 4.191 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

Bulk Cable Weight: 31.252 Kg/Km

Max. Recommended Pulling Tension: 242.872 N

Min. Bend Radius/Minor Axis: 41.275 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
Non-Plenum Number:	5504UE

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

88.587

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

52.496

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6504UE 877C500	500 FT	10.500 LB	NATURAL		6 #22 FLRST FLRST
6504UE 877U1000	1,000 FT	23.000 LB	NATURAL		6 #22 FLRST FLRST
6504UE 877U500	500 FT	12.000 LB	NATURAL		6 #22 FLRST FLRST
6504UE 877Z1000	1,000 FT	25.000 LB	NATURAL		6 #22 FLRST FLRST

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