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please call

1-800-Belden1



### Description:

22 AWG Bare copper conductors, PP insulation, PVC jacket with ripcord. Sequential footage marking every two feet.

### Usage (Overall)

**Suitable Applications:**

Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, and Single Line Telephone.

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
6	22	7x30	BC - Bare Copper

#### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.178

#### Outer Shield

**Outer Shield Material:**

Outer Shield Material
Unshielded

#### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

**Outer Jacket Ripcord:**

Yes

#### Overall Cabling

**Overall Cabling Lay Length & Direction:**

Length (mm)	Twists (m.)
63.500	1.463

**Overall Cabling Color Code Chart:**

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

**Overall Nominal Diameter:**

4.064 mm

### Mechanical Characteristics (Overall)

**Operating Temperature Range:**

-20°C To +75°C

**UL Temperature Rating:**

75°C

**Bulk Cable Weight:**

37.354 Kg/Km

## 5504UE Multi-Conductor - Commercial Applications

Max. Recommended Pulling Tension:	242.872 N
Min. Bend Radius (Install)/Minor Axis:	41.275 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
NEC Articles:	800
CEC/C(UL) Specification:	CMG
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:	UL1666 Vertical Shaft
C(UL) Flame Test:	FT4

#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6504UE

### Surface Printing (Overall)

#### Electrical Characteristics (Overall)

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
65.620

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
53.1522

##### 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
5504UE 008U1000	305 MT	9.072 KG	GRAY		6 #22 PP FRPVC
5504UE 0081000	305 MT	9.072 KG	GRAY	C	6 #22 PP FRPVC
5504UE 008500	152 MT	4.536 KG	GRAY		6 #22 PP FRPVC
5504UE 009C500	152 MT	5.670 KG	WHITE		6 #22 PP FRPVC
5504UE 009U1000	305 MT	9.072 KG	WHITE		6 #22 PP FRPVC
5504UE 009U500	152 MT	4.763 KG	WHITE		6 #22 PP FRPVC

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**Notes:**

C = CRATE REEL PUT-UP.

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