

## 5504UE Multi-Conductor - Commercial Applications



For more Information  
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 (in.)
PP - Polypropylene	0.007

#### Outer Shield

**Outer Shield Material:**

Outer Shield Material
Unshielded

#### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

**Outer Jacket Ripcord:**

Yes

#### Overall Cable

**Overall Cabling Lay Length & Direction:**

Length (in.)	Twists (ft.)
2.500	4.800

**Overall Cabling Color Code Chart:**

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

**Overall Nominal Diameter:**

0.160 in.

### Mechanical Characteristics (Overall)

**Operating Temperature Range:**

-20°C To +75°C

**UL Temperature Rating:**

75°C

**Bulk Cable Weight:**

25.100 lbs/1000 ft.

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Max. Recommended Pulling Tension:	54.600 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.625 in.

### 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/ft)
20.000

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.2

##### 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	1,000 FT	20.000 LB	GRAY		6 #22 PP FRPVC
5504UE 0081000	1,000 FT	20.000 LB	GRAY	C	6 #22 PP FRPVC
5504UE 008500	500 FT	10.000 LB	GRAY		6 #22 PP FRPVC
5504UE 009C500	500 FT	12.500 LB	WHITE		6 #22 PP FRPVC
5504UE 009U1000	1,000 FT	20.000 LB	WHITE		6 #22 PP FRPVC
5504UE 009U500	500 FT	10.500 LB	WHITE		6 #22 PP FRPVC

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**Notes:**

C = CRATE REEL PUT-UP.

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