

5502UE 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
4	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	.015

Outer Jacket Ripcord:

Yes

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

Length (in.)	Twists (ft.)
4.000	3.0

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	White
4	Green

Overall Nominal Diameter:

0.135 in.

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

-20°C To +75°C

UL Temperature Rating:

75°C

Bulk Cable Weight:

13.100 lbs/1000 ft.

Max. Recommended Pulling Tension:

36.400 lbs.

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Min. Bend Radius (Install)/Minor Axis: 1.375 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 Number:	6502UE
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Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
22.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.2

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
2.2 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5502UE 008C500	500 FT	6.500 LB	GRAY		4 #22 PP FRPVC
5502UE 008U1000	1,000 FT	15.000 LB	GRAY		4 #22 PP FRPVC
5502UE 008U500	500 FT	8.000 LB	GRAY		4 #22 PP FRPVC
5502UE 0081000	1,000 FT	15.000 LB	GRAY	C	4 #22 PP FRPVC
5502UE 009U1000	1,000 FT	15.000 LB	WHITE		4 #22 PP FRPVC
5502UE 0091000	1,000 FT	15.000 LB	WHITE	C	4 #22 PP FRPVC

Notes:

C = CRATE REEL PUT-UP.

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