



For more Information
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1-800-Belden1



General Description:

Security & Alarm Cable, Riser-CMR, 4-22 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

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

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.203

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 Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Twists (twist/m)
101.5996	9.843

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	White
4	Green

Overall Nominal Diameter: 3.581 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 19.347 Kg/Km

5502UE Multi-Conductor - Commercial Applications

Max. Recommended Pulling Tension: 161.914 N

Min. Bend Radius/Minor Axis: 34.925 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

NEC Articles: 800

CEC/C(UL) Specification: CMG

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: UL1666 Vertical Shaft

C(UL) Flame Test: FT4

Plenum/Non-Plenum

Plenum Number: 6502UE

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

55.777

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

53.1522

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	152 MT	2.948 KG	GRAY		4 #22 PP FRPVC
5502UE 008U1000	305 MT	6.804 KG	GRAY		4 #22 PP FRPVC
5502UE 008U500	152 MT	3.629 KG	GRAY		4 #22 PP FRPVC
5502UE 0081000	305 MT	6.804 KG	GRAY	C	4 #22 PP FRPVC
5502UE 009U1000	305 MT	6.804 KG	WHITE		4 #22 PP FRPVC
5502UE 0091000	305 MT	6.804 KG	WHITE	C	4 #22 PP FRPVC

Notes:

C = CRATE REEL PUT-UP.

5502UE Multi-Conductor - Commercial Applications

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