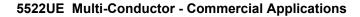
Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION





For more Information please call

1-800-Belden1



BELDEN SENDING ALL THE RIGHT SIGNALS

General Description:

Security & Commercial Audio Cable, Riser-CMR, 4-22 AWG solid 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 AW		Stranding	Conductor Material		
4	22	Solid	BC - Bare Copper		

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Material
PP - Polypropylene

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 Color Code Chart:

Number	Color
1	Black
2	Red
3	White
4	Green

Overall Nominal Diameter: 3.302 mm

Med	Mechanical Characteristics (Overall)				
	Operating Temperature Range:	-20°C To +75°C			
	UL Temperature Rating:	75°C			
	Bulk Cable Weight:	21.281 Kg/Km			
	Max. Recommended Pulling Tension:	138.784 N			
	Min. Bend Radius/Minor Axis:	33.020 mm			

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5522UE Multi-Conductor - Commercial Applications

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 (Y/N): No

Plenum Number: 6522UE

Surface Printing (Overall)

Surface Printing: NEW GENERATION(R) BY BELDEN-M 5522UE CMR 75C 4C22 (UL)

E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 62.339

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 51.5117

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	
5522UE 008U1000	1,000 FT	14.000 LB	GRAY		4 #22 PP FRPVC	
5522UE 008Z1000	1,000 FT	16.000 LB	GRAY		4 #22 PP FRPVC	
5522UE 0081000	1,000 FT	14.000 LB	GRAY	С	4 #22 PP FRPVC	

Notes:

C = CRATE REEL PUT-UP.

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METRIC MEASUREMENT VERSION



5522UE Multi-Conductor - Commercial Applications

Revision Number: 2 Revision Date: 03-11-2013

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