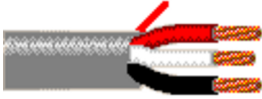


**Part Number: 5401UE**

**Security & Sound, 3 Conductor 20 AWG, BC, Unshielded, CMR**



## Product Description

Security & Commercial Audio Cable, Riser-CMR, 3-20 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Riser
Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, Single Line Telephone

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
20	7x28	BC - Bare Copper	3

Conductor Count:	3
Conductor Size:	20 AWG

#### Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

#### Color Chart

Number	Color
1	Black
2	Red
3	White

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.146 in	0.017 in	Yes

### Construction and Dimensions

#### Cabling

Twists	
3 twist/ft	
Print Legend:	NEW GENERATION(R) BY BELDEN-M 2401UE CMR 75C 3C20 (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
10.2 Ohm/1000ft

#### Capacitance

**Nom. Capacitance Conductor to Conductor**

20 pF/ft

Shielding: Multiple or Specialty

**Current****Max. Recommended Current [A]**

3.75 Amps per conductor @ 25°C

**Voltage****UL Voltage Rating**

300 V RMS

**Temperature Range**

UL Temp Rating: 75°C

Operating Temp Range: -20°C To +75°C

**Mechanical Characteristics**

Bulk Cable Weight: 16.4 lbs/1000ft

Max Recommended Pulling Tension: 37.8 lbs

Min Bend Radius/Minor Axis: 1.5 in

**Standards**

NEC Articles: 800

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMG

CPR Euroclass: Eca

**Applicable Environmental and Other Programs**

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-04-01

CA Prop 65 (CJ for Wire &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

**Flammability, LS0H, Toxicity Testing**

C(UL) Flammability: FT4

UL Flammability: UL1666 Vertical Shaft

UL voltage rating: 300 V RMS

**Plenum/Non-Plenum**

Plenum (Y/N): No

Plenum Number: 6401UE

**Part Number****Variants**

Item #	Color	Footnote
5401UE 0081000	Gray	C
5401UE 008U1000	Gray	

Footnote: C - CRATE REEL PUT-UP.

© 2018 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.