

Product: [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

Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, Single Line Telephone
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Physical Characteristics (Overall)

Conductor

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

Conductor Count:	3
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

Color Chart

Number	Color
1	Black
2	Red
3	White

Outer Shield Material

Material
No Shield

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

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
10.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

20 pF/ft

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

Environmental Space:	Indoor - Riser
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
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6401UE

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
5401UE 0081000	Gray	Reel	1,000 ft	612825162094
5401UE 008U1000	Gray	UnReel	1,000 ft	612825425908
5401UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825162117

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.263 Revision Date: 04-28-2020
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