



Part Number: 5502UE



Security & Sound, #22-4c, BC, CMR

Product Description

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

Technical Specifications

Use

Suitable Applications:	22 AWG Bare Copper Conductors ~ PP Insulation ~ Gray PVC Jacket With Ripcord ~ Sequential Footage Marking Every Two Feet
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Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	Nominal Diameter	No. of Conductors
4	4	7x30	22	7x30	4
BC - Bare Copper					

Conductor Count:	5502UE
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Insulation

Material	Nominal Wall Thickness
PP - Polypropylene	PP - Polypropylene in
0.008 in	

Color Chart

Number	Color
1	Black
2	Red
3	White
4	Green
1	Black
2	Red
3	White
4	Green

Outer Shield Material

Material
Unshielded

Outer Jacket Material

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

Electrical Characteristics

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
17 pF/ft	17 pF/ft

Construction and Dimensions

Print Legend:	NEW GENERATION(R) BY BELDEN 5502UE CMR 75C 4C22 (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET
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Conductor DCR

Individual Pair Nominal Shield DCR	Nominal Conductor DCR
16.2 Ohm/1000ft	16.2 Ohm/1000ft

Current

Max. Recommended Current [A]
2.2 Amps per conductor @ 25°C A

Voltage

Non-UL Voltage Rating	UL Voltage Rating
300V RMS	300V RMS

Applicable Standards & Environmental Programs

CEC/C(UL) Specification:	CMR
EU Directive 2000/53/EC (ELV):	EU Directive 2003/11/EC (BFR)
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CPR Euroclass:	Eca
CA Prop 65:	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Standards

CSA AWM Specification:	CMG
NEC Articles:	13 lbs/1000ft
NEC/(UL) Specification:	36.4 lbs
UL AWM Style:	800

Flame Test

CSA Flammability:	UL1666 Riser
C(UL) Flammability:	FT4
ISO/IEC Flammability:	FT4
UL Flammability:	6502UE

Mechanical Characteristics

Storage Temp Range:	-20°C To +75°C
Operating Temp Range:	0.141 in
Bulk Cable Weight:	13 lbs/1000ft
Max Recommended Pulling Tension:	36.4 lbs
Min Bend Radius/Minor Axis:	1.375 in

Temperature Range

UL Temp Rating:	75°C
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Plenum/Non-Plenum

Plenum Number:	6502UE
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Part Number

Non-Plenum Number:	N
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History

Variants

Item #	Color
5502UE.00152	Chrome
5502UE.00305	Chrome
5502UE.00U305	Chrome
5502UE 0081000	Gray
5502UE 008C500	Gray
5502UE 008U1000	Gray
5502UE 008U500	Gray
5502UE 0091000	White
5502UE 009U1000	White

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