BELDEN

Product: 5547UE 🗗

Security & Sound, #22-9pr, BC, CMR

Product Description

Security & Sound Cable, Riser-CMR, 9-22 AWG stranded bare copper pairs with PVC insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
22	7x30	BC - Bare Copper	9

Conductor Count:	18

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

Color Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
8	Red & White
9	Red & Green

Outer Shield

Material
No Shield

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.334 in	0.02 in	Yes

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.3 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor

24 pF/ft

Current

Max. Recommended Current [A]
1.4 Amps per Conductor at 20ºC

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	62.7 lbs/1000ft
Max. Pull Tension:	163.8 lbs
Min. Bend Radius/Minor Axis:	3.25 in

Standards

NEC/(UL) Compliance:	CMR
CEC/C(UL) Compliance:	CMG

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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT4
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6547UE

Related Part Numbers

Variants

Item #	Color	UPC
5547UE 0081000	Gray	612825164418

Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.284 Revision Date: 05-05-2023