BELDEN

Product: 5543UE ☒

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

Product Description

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

Technical Specifications

Product Overview

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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	4	22 AWG	7x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.045 in (1.1 mm)	Black & Red, Black & White, Black & Green, Black & Blue

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.218 in	Yes

Overall Cable Diameter (Nominal):	0.218 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
17.6 Ohm/1000ft	24.11 pF/ft (79.10 pF/m)	4.2 Amps per Conductor at 30ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
2.18 in (55.4 mm)	2.18 in

Max. Pull Tension:	72.8 lbs (33.0 kg)
Bulk Cable Weight:	30 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4, IEEE 1202 FT4
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6543UE

History

Update and Revision:	Revision Number: 0.297 Revision Date: 05-31-2024

Part Numbers

Variants

Item #	Color	UPC
5543UE 0081000	Gray	612825164395
5543UE 008U1000	Gray	612825164388

Mouser Electronics

Authorized Distributor

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