Belden



Product: 5300UE

Security & Sound, 2 Conductor 18 AWG, BC, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-18 AWG stranded bare copper conductors with polypropylene insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	18 AWG	7x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PO - Polyolefin	0.009 in (0.23 mm)	0.062 in (1.6 mm)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.158 in (4.01 mm)	Yes

Overall Cable Diameter (Nominal):	0.158 in (4.01 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Conductor(s)	6.5 Ohm/1000ft	21.5 pF/ft (70.5 pF/m)	0.145 µH/ft (0.476 µH/m)	5 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMR)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
1.6 in (41 mm)	1.6 in (41 mm)

Max. Pull Tension:	45 lbs (20 kg)
Bulk Cable Weight:	15 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor

Flammability / Reaction to Fire:	UL 1666 Riser, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6300UE

History

Update and Revision:	Revision Number: 0.512 Revision Date: 02-20-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
5300UE 0101000	Black	Reel	1,000 ft	612825159162	C
5300UE 010U1000	Black	UnReel	1,000 ft	612825421511	
5300UE.00152	Chrome	Reel	152 m	8719605008176	
5300UE.00305	Chrome	Reel	305 m	8719605008183	
5300UE.K0305	Chrome	Reel	305 m	8719605008190	
5300UE 008500	Gray	Reel	500 ft	612825159117	
5300UE 0081000	Gray	Reel	1,000 ft	612825159148	C
5300UE 008U1000	Gray	UnReel	1,000 ft	612825159124	
5300UE 0021000	Red	Reel	1,000 ft	612825421467	
5300UE 0091000	White	Reel	1,000 ft	612825336778	C
5300UE 009U1000	White	UnReel	1,000 ft	612825421504	

Footnote:	C - CRATE REEL PUT-UP.

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