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 010Z1000	Black	ReelTuff Box	1,000 ft	612825159254	
5300UE 0061000	Blue, Light	Reel	1,000 ft	612825350644	
5300UE 001U1000	Brown	UnReel	1,000 ft	612825421450	
5300UE 001Z1000	Brown	ReelTuff Box	1,000 ft	612825350682	
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 008C500	Gray	Coil	500 ft	612825336761	
5300UE 008U500	Gray	UnReel	500 ft	612825421498	
5300UE 0081000	Gray	Reel	1,000 ft	612825159148	C
5300UE 008U1000	Gray	UnReel	1,000 ft	612825159124	
5300UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825159155	
5300UE 005Z1000	Green	ReelTuff Box	1,000 ft	612825350637	
5300UE 0051000	Green, Dark	Reel	1,000 ft	612825421474	
5300UE 0021000	Red	Reel	1,000 ft	612825421467	
5300UE 002Z1000	Red	ReelTuff Box	1,000 ft	612825350552	
5300UE 0071000	Violet	Reel	1,000 ft	612825421481	
5300UE 007Z1000	Violet	ReelTuff Box	1,000 ft	612825159131	
5300UE 0091000	White	Reel	1,000 ft	612825336778	C
5300UE 009U1000	White	UnReel	1,000 ft	612825421504	
5300UE 009Z1000	White	ReelTuff Box	1,000 ft	612825159179	
5300UE 0041000	Yellow	Reel	1,000 ft	612825350590	

Footnote:	C - CRATE REEL PUT-UP.

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