Belden



Product: 5343FE

Security & Sound, #18-4pr, BC, Shielded, CMR

Product Description

Security & Sound Cable, Riser-CMR, 4-18 AWG stranded bare copper pairs with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

Technical Specifications

Product Overview

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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	4	18	7x26	BC - Bare Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.0085 in (0.22 mm)	0.062 in (1.6 mm)	Black & Red, Black & White, Black & Green, Black & Blue

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.309 in (7.85 mm)	Yes

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
6.93 Ohm/1000ft (22.7 Ohm/km)	29 pF/ft (95 pF/m)	52.4 pF/ft (172 pF/m)	3.5 Amps per Conductor at 25ºC

Nom Outer Shield DCR:	12.1 Ohm/1000ft (39.7 Ohm/km)

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.
3.09 in (78.5 mm)	3.09 in (78.5 mm)

Max. Pull Tension:	184.7 lbs (83.78 kg)

Bulk Cable Weight:	61 lbs/1000ft (91 kg/km)

Standards and Compliance

Flammability / Reaction to Fire:	UL 1666 riser, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6343FE

History

Update and Revision:	Revision Number: 0.576 Revision Date: 11-10-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
5343FE.00305	Chrome	Reel	305 m	8719605008473	
5343FE.K0305	Chrome	Reel	305 m	8719605008480	
5343FE 0081000	Gray			612825161288	C

Footnote:	C - CRATE REEL PUT-UP.

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