Belden



Product: 5341FE

Security & Sound, #18-2pr, BC, Shielded, CMR

Product Description

Security & Sound Cable, Riser-CMR, 2-18 AWG stranded bare copper pairs with polypropylene 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)	2	18 AWG	7x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.007 in (0.18 mm)	0.062 in (1.6 mm)	Black & Red, Black & White

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	0.017 in (0.43 mm)	0.250 in (6.35 mm)	Yes

Overall Cable Diameter (Nominal):	0.250 in (6.35 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Pair(s)	6.55 Ohm/1000ft	29 pF/ft (95 pF/m)	52.25 pF/ft (171.4 pF/m)	7.2 Amps per conductor @ 25°C

Nom Outer Shield DCR@Cond DCR1-cnv:	13.1 Ohm/1000ft (43.0 Ohm/km)

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.
2.5 in (64 mm)	2.5 in (64 mm)

Max. Pull Tension:	104 lbs (47.2 kg)
Bulk Cable Weight:	33 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
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.460 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
5341FE.00305	Chrome	Reel	305 m	8719605008435	
5341FE.00800	Chrome	Reel	800 m	8719605184733	
5341FE 0081000	Gray			612825161189	C
5341FE 008500	Gray			612825161196	C
5341FE 008U1000	Gray			612825161172	
5341FE 0081200	Gray			612825352693	
5341FE 0081200	Gray			612825352693	
5341FE 0081500	Gray			612825352709	
5341FE 0081500	Gray			612825352709	

Footnote:	C - CRATE REEL PUT-UP.

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