Belden



Product: 5340F1

Security & Sound, #18-2c, TC, Shielded, CMG-FPL-PLTC, Water-Blocked

Product Description

Security & Sound Cable, Rated-CMG-FPL-PLTC- 1-18 AWG stranded tinned copper pair with PVC insulation, Beldfoil® shield, Waterblocking tape, PVC jacket

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls, Noisy & Wet Location, Below-Grade Duct

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	18 AWG	7x26	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.080 in (2.0 mm)	Black & Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (7x28) TC

Waterblocking:	Waterblock Tape

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.262 in (6.65 mm)

Overall Cable Diameter (Nominal):	0.262 in (6.65 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Pair(s)	7 Ohm/1000ft	45 pF/ft (150 pF/m)	14 Amps per conductor @ 25°C

Nom Outer Shield DCR@Cond DCR1-cnv:	8.5 Ohm/1000ft (28 Ohm/km)

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C to +105°C

Bend Radius

Stationary Min.	Installation Min.

2.6 in (66 mm)	2.6 in (66 mm)

Max. Pull Tension:	57 lbs (26 kg)
Bulk Cable Weight:	27 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4, IEEE 1202 FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, Article 760, Article 800
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)

History

Update and Revision:	Revision Number: 0.461 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	UPC	Footnote
5340F1 0101000	Black	612825161134	C
5340F1 0103600	Black	612825381099	
5340F1 0103600	Black	612825381099	
5340F1 0103900	Black	612825381105	
5340F1 0103900	Black	612825381105	
5340F1 0105000	Black	612825381112	
5340F1 0105000	Black	612825381112	
5340F1 0021000	Red	612825161127	C

Footnote:	C - CRATE REEL PUT-UP.

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