



# **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**

uitable Applications: Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls, Noisy & Wet Location, Below-Grade Duct								
onstruction Deta	ails							
nductor								
Element Number of E	lement Size	Stranding	Material					
Pair(s) 1	18 AWG	~	TC - Tinned Copp	per				
sulation		11						
Element Mater		n. Thickness	Nom. Insulation	Diamatan C	olor Code			
			) 0.080 in (2.0 mr		lack & Red			
		/ III (0. <del>4</del> 0 IIIII)	0.000 III (2.0 III		ack a ricu			
uter Shield								
Shield Type 🛛 🛛 🛛 🛛	laterial	Coverage	Drainwire Type					
Tape Bi-Lamina	ate (Alum+Poly)	100% 2	0 AWG (7x28) TC					
Waterblocking:	Wate	rblock Tape						
uter 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 Charact	eristics						 	
lectricals								
Element Nom. Condu	ctor DCR Nom.	Capacitance	Cond-to-Cond	Max. (	Current			
Pair(s) 7 Ohm/1000ft	t 45 pF	/ft (150 pF/m)		14 Amps per co	onductor @ 25°	'C		
oltage								

## 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, CMG, FPL, PLTC-ER
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: 0.455 Revision Date: 01-26-2023

## **Part Numbers**

#### Variants

ltem #	Color	UPC
5340F1 0101000	Black	612825161134
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

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