



Product: [5304FE](#)

Security & Sound, #18-6c, BC, Shielded, CMR

Product Description

Security & Sound Cable, Riser-CMR, 6-18 AWG stranded bare copper conductors 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
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	6	18	7x26	BC - Bare Copper

Insulation

Element	Material	Thickness	Color Code
Conductor(s)	PP - Polypropylene	0.009 in	Black, Red, White, Green, Brown, Blue

Outer Shield Material

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

Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in	0.224 in	Yes

Cable Diameter (Nominal):	0.224 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	6.5 Ohm/1000ft	27 pF/ft	48.5 pF/ft	3.5 Amps per conductor @ 25°C

Nom Outer Shield DCR:	15.25 Ohm/1000ft
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Voltage

UL Voltage Rating
300 V (CMR)

Mechanical Characteristics

Temperature

UL Rating	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
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2.25 in	2.2 in
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Max. Pull Tension:	148 lbs
Bulk Cable Weight:	43 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Riser, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6304FE

History

Update and Revision:	Revision Number: 0.254 Revision Date: 09-30-2020
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