




Product: [5200FE](#) 

Security & Sound, 2 Conductor 16 AWG, BC, CMR

Product Description

Security & Commercial Audio Cable, Riser-CMR, 2-16 AWG stranded bare copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

Technical Specifications

Product Overview

Product Category:	Speaker & Control
Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Noisy Environment

Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	2	16	19x29	BC - Bare Copper

Insulation

Element	Material	Thickness [in]	Color
Conductor(s)	PP - Polypropylene	0.008	Black, Red

Outer Shield Material

Type	Material	Coverage
Tape	Alum / Poly	100%

Outer Jacket Material

Material	Nominal Wall Thickness	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in	0.188 in	Yes

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Grnd	Max. Current
Conductor(s)	4 Ohm/1000ft	58 pF/ft	114 pF/ft	Per conductor @ 25°C ambient: 6.25 A

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.

2.0 in

Max Recommended Pulling Tension:	85.5 lbs
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Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Sustainability:	CA Prop 65 (CJ for Wire and Cable)=Yes
Flammability / Fire Resistance:	UL1666 Vertical Shaft, FT4, IEC 60332-1-2
NEC / UL Compliance:	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 2

History

Update and Revision:	Revision Number: 0.294 Revision Date: 05-22-2020
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