



REPRESENTATIVE IMAGE

Product: [5201FE](#)

Security & Sound, 3 Conductor 16 AWG BC, Shielded, CMR

Product Description

Security & Commercial Audio Cable, 3 Conductor 16 AWG stranded (19x29) bare copper conductors with polypropylene insulation, Beldfoil® shield, Riser-CMR, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	3	16	19x29	BC - Bare Copper

Insulation

Element	Material	Thickness	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	Black, Red, White

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 (0.43 mm)	0.195 in	Yes

Cable Diameter (Nominal):	0.195 in (4.95 mm)
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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)	4 Ohm/1000ft (13 Ohm/km)	58 pF/ft (190 pF/m)	104.5 pF/ft (342.8 pF/m)	6.25 Amps per conductor @ 25°C
Nom. Outer Shield DCR:	15.2 Ohm/1000ft			

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.
2.0 in (51 mm)	2.0 in (51 mm)

Max. Pull Tension:	116 lbs (52.6 kg)
Bulk Cable Weight:	34 lbs/1000ft (51 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Riser, FT4, 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 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6201FE

History

Update and Revision:	Revision Number: 0.313 Revision Date: 06-08-2021
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