



REPRESENTATIVE IMAGE

Product: [6100FE](#)

Security & Sound, 2 Conductor 14 AWG BC, Shielded, CL2P

Product Description

Security & Commercial Audio Cable, Plenum-CL2P, 2-14 AWG stranded bare copper conductors with Flamarrest® insulation, Beldfoil® shield and Flamarrest® 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)	2	14	19x26	BC - Bare Copper

Insulation

Element	Material	Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.011 in	Black, White

Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in	0.220 in	Yes

Cable Diameter (Nominal):	0.220 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)	2.54 Ohm/1000ft	85 pF/ft	153 pF/ft	8.0 Amps per conductor @ 25°C
Nom Outer Shield DCR:	10 Ohm/1000ft			

Mechanical Characteristics

Temperature

UL Rating	Operating
75°C	0°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
2.3 in	2.2 in

Max. Pull Tension:	125 lbs
Bulk Cable Weight:	38 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Fire Resistance:	NFPA 262, UL 910 (Plenum)
NEC / UL Compliance:	Article 725, CL2P
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5100FE

History

Update and Revision:	Revision Number: 0.329 Revision Date: 03-03-2021
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