



Part Number: 6100UE

Security & Sound, #14-2c, BC, Unshielded, CMP

Product Description

Security & Commercial Audio Cable, Plenum-CL2P 2-14 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Product Specifications

Technical Specifications

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems
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Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
14	19x27	BC - Bare Copper	2

Total Number of Conductors:	2
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Insulation:

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.01 in

Color Chart 1:

Number	Color
1	Black
2	White

Cabling 1:

Lay Length	Lay Direction	Twists
3.75 in	Left Hand	3.2 twist/ft

Outersheild 1:

Material
Unshielded

Outerjacket 1:

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.21 in	0.015 in	Yes

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
2.53 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor
36 pF/ft

Current:

Element	Max. Recommended Current [A]
10C Temperature Rise	8 Amps per conductor @ 25°C ambient

Inductance:

Nominal Inductance
0.145 µH/ft

Voltage:

UL Voltage Rating
150V RMS

Use

Suitability - Indoor:	Yes
Max Recommended Pulling Tension:	95 lbs

Safety

CSA Flammability:	FT6
UL Flammability:	NFPA 262

Temperature Range

Installation Temp Range:	0°C To +75 °C
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Operating Temp Range:	-10°C To +75°C
UL Temp Rating:	75°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.1 in
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Part Number

Plenum (Y/N):	Yes
Non-Plenum Number:	5100UE

Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
NEC Articles:	725
NEC/(UL) Specification:	CL2P
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

Product Variants

Part Number	Color	Put-Up Type	Length
6100UE 004U1000	YELLOW	UnReel	1000 ft
6100UE 008U1000	GRAY	UnReel	1000 ft
6100UE 009U1000	WHITE	UnReel	1000 ft
6100UE 009U250	WHITE	UnReel	250 ft
6100UE 010U1000	BLACK	UnReel	1000 ft
6100UE 8771000	NATURAL	Reel	1000 ft
6100UE 8775000	NATURAL	Reel	5000 ft
6100UE 877500	NATURAL	Reel	500 ft
6100UE 877U1000	NATURAL	UnReel	1000 ft

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.