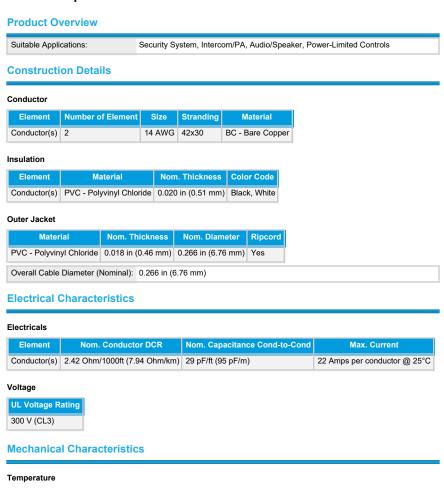## Product: 5100UP ⬀

Audio Cable, 2 Conductor 14 AWG, BC, Unshielded, CL3

REPRESENTATIVE IMAGE

Product Description

Commercial Audio Cable, Rated-CL3, 2-14 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	14 AWG	42x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.020 in (0.51 mm)	Black, White

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.266 in (6.76 mm)	Yes

Overall Cable Diameter (Nominal):	0.266 in (6.76 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	2.42 Ohm/1000ft (7.94 Ohm/km)	29 pF/ft (95 pF/m)	22 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CL3)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
2.7 in (69 mm)	2.7 in (69 mm)

Max. Pull Tension:	109 lbs
Bulk Cable Weight:	39 lbs/1000ft (58 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL1685 (UL Loading), IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL3
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)

History

Update and Revision:	Revision Number: 0.326 Revision Date: 12-15-2021

Variants

Item #	Color	Putup Type	Length	UPC
5100UP 010500	Black	Reel	500 ft	612825156529
5100UP 010U500	Black	UnReel	500 ft	612825433484
5100UP 0101000	Black	Reel	1,000 ft	612825156550
5100UP 010U1000	Black	UnReel	1,000 ft	612825156536
5100UP 010Z1000	Black	ReelTuff Box	1,000 ft	612825156611
5100UP 008U500	Gray	UnReel	500 ft	612825156505
5100UP 0081000	Gray	Reel	1,000 ft	612825156451
5100UP 008U1000	Gray	UnReel	1,000 ft	612825156468
5100UP 005500	Green, Dark	Reel	500 ft	612825156413
5100UP 005U500	Green, Dark	UnReel	500 ft	612825156475
5100UP 0051000	Green, Dark	Reel	1,000 ft	612825156444
5100UP 005U1000	Green, Dark	UnReel	1,000 ft	612825156420
5100UP 009500	White	Reel	500 ft	612825156482
5100UP 009U500	White	UnReel	500 ft	612825156543
5100UP 0091000	White	Reel	1,000 ft	612825156512
5100UP 009U1000	White	UnReel	1,000 ft	612825156499

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