



Product: [2157PA](#)

Nurse Call System, ASCOM Telligence, 2 Pair 16 AWG, CMP

Product Description

Commercial Audio Cable, 2 pair 16 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord, CMP rated.

Technical Specifications

Product Overview

Suitable Applications:	Nurse Call System
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	BC - Bare Copper	2

Insulation

Material	Material Trade Name	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.008 in

Color Chart

Number
Black
Red

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.176 in	0.015 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
3.8 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
36.5 pF/ft

Inductance

Nominal Inductance
0.145 µH/ft

Current

Max. Recommended Current [A]

6.25 Amps per Conductor at 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating: 75°C

Operating Temp Range: 0°C To +75°C

Mechanical Characteristics

Bulk Cable Weight: 24 lbs/1000ft

Max. Pull Tension: 60.8 lbs

Min. Bend Radius/Minor Axis: 1.75 in

Standards

NEC Articles: Article 800

NEC/(UL) Compliance: CMP

CEC/C(UL) Compliance: CMP

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/11/EC (BFR): Yes

EU Directive 2011/65/EU (RoHS 2): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

Suitability

Suitability - Indoor: Yes

Flammability, LS0H, Toxicity Testing

UL Flammability: NFPA 262

CSA Flammability: FT6

Plenum/Non-Plenum

Plenum (Y/N): Yes

Part Number

Non-Plenum Number: 2157AA

Variants

Item #	Color	Put-Up Type	Length	UPC
2157PA T32U1000	Green, Signal	UnReel	1,000 ft	612825130611

History

Update and Revision: Revision Number: 0.60 Revision Date: 08-27-2021

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