



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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

UL Flammability:	NFPA 262
CSA Flammability:	FT6

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	2157AA
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Variants

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

History

Update and Revision:	Revision Number: 0.48 Revision Date: 06-08-2020
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