



Product: [2153PE](#)

Nurse Call System, SimplexGrinnell™ 1 Pair 22 AWG, CMP

Product Description

Commercial Audio Cable, 1 Pair, 22 AWG, Bare Copper, Flamarrest® PVC Insulation, Beldfoil® Shield, Flamarrest® PVC Jacket with Ripcord, CMP rated.

Technical Specifications

Product Overview

Suitable Applications:	Nurse Call System
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	22 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.010 in (0.25 mm)	0.046 in mm	Yellow and Blue

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.126 in

Overall Cable Diameter (Nominal):	0.126 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
18.2 Ohm/1000ft	44.0 pF/ft (144 pF/m)	82.0 pF/ft (269 pF/m)	2.8 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.89 in (48.0 mm)	1.89 in

Max. Pull Tension:	21.1 lbs (9.57 kg)
Bulk Cable Weight:	11 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6
NEC / UL Compliance:	Article 760, FPLP
CEC / C(UL) Compliance:	CMP
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)
Non-Plenum Number:	2153AE

History

Update and Revision:	Revision Number: 0.60 Revision Date: 04-08-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
2153PE 0091000	White	Reel	1,000 ft	612825130499

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