



Product: [2154AE](#)

Nurse Call System, SimplexGrinnell™ 3 Pair 20 AWG, CM

Product Description

Commercial Audio Cable, 3 Pair, 20 AWG, Solid Bare Copper, PVC Insulation, Beldfoil® Shield, PVC Jacket with Ripcord, CM rated.

Technical Specifications

Product Overview

Suitable Applications:	Nurse Call System
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Physical Characteristics (Overall)

Total Number of Pairs:	3
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Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.010 in

Color Chart

Number
Red & Red
Black & Black
Blue & Yellow

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.245 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
10.3 Ohm/1000ft	10.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
34.0 pF/ft	61.2 pF/ft

Current

Max. Recommended Current [A]
2.6 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	-20°C To +60°C
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Mechanical Characteristics

Bulk Cable Weight:	35 lbs/1000ft
Max. Pull Tension:	48.0 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

NEC/(UL) Compliance:	CM
CEC/C(UL) Compliance:	CM

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, LS0H, Toxicity Testing

UL Flammability:	UL1685 Vertical Tray
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Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	2152PE

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
2154AE 0081000	Gray	Reel	1,000 ft	612825130505

History

Update and Revision:	Revision Number: 0.42 Revision Date: 08-25-2020
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