



Product: [2159AE](#)

Nurse Call System, 2 Pair 16 AWG, CM

Product Description

Commercial Audio Cable, 2 Pair 16 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord, CM 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	65x34	BC - Bare Copper	2

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.015 in

Color Chart

Number
Black
White

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.208 in	0.015 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.05 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
30 pF/ft

Inductance

Nominal Inductance
0.16 μ H/ft

Current

Max. Recommended Current [A]

15.7 Amps per Conductor at 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating:	75°C
Operating Temp Range:	-20°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	25.7 lbs/1000ft
Max. Pull Tension:	65 lbs
Min Bend Radius/Minor Axis:	2 in

Standards

NEC/(UL) Compliance:	CM
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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

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
2159AE 008U1000	Gray	UnReel	1,000 ft	612825130659

History

Update and Revision:	Revision Number: 0.26 Revision Date: 06-08-2020
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