



Product: [5624UG](#)

Picture
Not Available

Nurse Call & Paging, #24-6c, BC, Unshielded, CM

Product Description

Nurse Call & Paging Cable, Rated-CM, 6-24 AWG solid bare copper conductors with polyolefin insulation, PVC jacket

Technical Specifications

Product Overview

Suitable Applications:	Nurse Call, Commerical Sound, Annunciators, Voice Systems, Paging
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	6	24 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.0065 in (0.17 mm)	0.033 in (0.84 mm)	Blue, Black, Orange, Red, Green, White

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.024 in (0.61 mm)	0.081 x 0.246 in

Overall Cable Diameter (Nominal):	0.081 x 0.246 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
29.2 Ohm/1000ft	17 pF/ft (56 pF/m)	1.4 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
0.2 in (5.1 mm)	0.2 in

Max. Pull Tension:	30.6 lbs (13.9 kg)
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Bulk Cable Weight:	17 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor, Outdoor - Black only, Aerial - Black only, When supported by messenger wire
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6624UG

History

Update and Revision:	Revision Number: 0.349 Revision Date: 05-31-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
5624UG F6H1000	Gray, Dark Pearl	Reel	1,000 ft	612825164760

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