


**Product:** [5624UG](#) 

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

**Picture  
Not Available**

**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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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
24	Solid	BC - Bare Copper	0.020 in	6

Conductor Count:	6
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**Insulation**

Material	Nominal Diameter
PP - Polypropylene	0.033 in

**Color Chart**

Number	Color
1	Blue
2	Black
3	Orange
4	Red
5	Green
6	White

**Outer Jacket Material**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.081 x 0.246 in

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
25.9 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor
17 pF/ft

**Current**

Max. Recommended Current [A]
1.4 Amps per Conductor at 25°C (10°C Temperature Rise)

**Voltage**

<b>UL Voltage Rating</b>
300 V RMS

## Temperature Range

Operating Temp Range:	-25°C To +75°C
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## Mechanical Characteristics

Bulk Cable Weight:	17 lbs/1000ft
Max. Pull Tension:	24 lbs

## Standards

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

## Applicable Environmental and Other Programs

Environmental Space:	Indoor Rated (Not Riser or Plenum)
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 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU RoHS Compliance Date (yyyy-mm-dd):	2005-07-01
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Aerial:	Yes - Black only, when supported by messenger wire
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes - Black only

## Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6624UG

## Part Number

### Variants

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

## History

Update and Revision:	Revision Number: 0.268 Revision Date: 06-08-2020
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