



Product: [6624UG](#)

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

Product Description

Nurse Call & Paging Cable, Plenum-CMP, 6-24 AWG solid bare copper conductors with FEP insulation, Flamarrest® jacket

Technical Specifications

Product Overview

Suitable Applications:	Nurse Call, Commercial 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
FEP - Fluorinated Ethylene Propylene	0.034 in

Color Chart

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

Outer Jacket

Material	Material Trade Name	Nominal Diameter
PVC - Polyvinyl Chloride	Flamarrest®	.072 x .242 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
25.9 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
15 pF/ft

Current

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

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	-5°C To +75°C
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Mechanical Characteristics

Bulk Cable Weight:	18 lbs/1000ft
Max. Pull Tension:	24 lbs

Standards

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

Applicable Environmental and Other Programs

Environmental Space:	Plenum
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Aerial:	No
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	No

Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT6
UL Flammability:	NFPA 262
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Part Number

Non-Plenum Number:	5624UG
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Variants

Item #	Color	Put-Up Type	Length	UPC
6624UG F6H1000	Gray, Dark Pearl	Reel	1,000 ft	612825178781

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.233 Revision Date: 08-27-2021
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