



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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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	6	24 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	FEP - Fluorinated Ethylene Propylene	0.007 in (0.18 mm)	0.034 in (0.86 mm)	Blue, Black, Orange, Red, Green, White

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.019 in (0.48 mm)	.072 x .242 in

Overall Cable Diameter (Nominal): .072 x .242 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
29.2 Ohm/1000ft	15 pF/ft (49 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.
1.74 in (44.2 mm)	1.74 in

Max. Pull Tension: 30.6 lbs (13.9 kg)

Bulk Cable Weight:	18 lbs/1000ft
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Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL 910), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
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)
Non-Plenum Number:	5624UG

History

Update and Revision:	Revision Number: 0.241 Revision Date: 04-08-2022
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Part Numbers

Variants

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

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