



Product: [6626UG](#)

Nurse Call & Paging, #24-8c, BC, Unshielded, CMP

Product Description

Nurse Call & Paging Cable, Plenum-CMP, 8-24 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	8

Conductor Count:	8
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Insulation

Material	Nominal Diameter
FEP - Fluorinated Ethylene Propylene	0.034 in

Color Chart

Number	Color
1	Yellow
2	Blue
3	Black
4	Orange
5	Red
6	Green
7	White
8	Purple

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter
PVC - Polyvinyl Chloride	Flamarrest®	.072 x .310 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

Mechanical Characteristics

Bulk Cable Weight: 24 lbs/1000ft

Max. Pull Tension: 32 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, LS0H, Toxicity Testing

C(UL) Flammability: FT6

UL Flammability: NFPA 262

UL voltage rating: 300 V RMS

Plenum/Non-Plenum

Plenum (Y/N): Yes

Part Number

Non-Plenum Number: 5626UG

Variants

Item #	Color	Put-Up Type	Length	UPC
6626UG F6H1000	Gray, Dark Pearl	Reel	1,000 ft	612825178835

Footnote: C - CRATE REEL PUT-UP.

History

Update and Revision: Revision Number: 0.333 Revision Date: 08-27-2021

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