



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 |
|------------------------|---|

Construction Details

Conductor

| Element      | No. of Elements | Size   | Stranding | Material         |
|--------------|-----------------|--------|-----------|------------------|
| Conductor(s) | 8               | 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)       | Yellow, Blue, Black, Orange, Red, Green, White, Purple |

Outer Shield

| Material  |
|-----------|
| No Shield |

Outer Jacket

| Material                 | Nom. Thickness     | Nom. Diameter  |
|--------------------------|--------------------|----------------|
| PVC - Polyvinyl Chloride | 0.019 in (0.48 mm) | .072 x .310 in |

|                                   |                |
|-----------------------------------|----------------|
| Overall Cable Diameter (Nominal): | .072 x .310 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. |
|-------------------|-------------------|
| 2.23 in (56.6 mm) | 2.23 in           |

|                    |                    |
|--------------------|--------------------|
| Max. Pull Tension: | 40.8 lbs (18.5 kg) |
| Bulk Cable Weight: | 24 lbs/1000ft      |

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:               | 5626UG  |

History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.342 Revision Date: 12-20-2022 |
|----------------------|--|

Part Numbers

Variants

| Item #         | Color            | Putup Type | Length   | UPC          | Footnote |
|----------------|------------------|------------|----------|--------------|----------|
| 6626UG F6H1000 | Gray, Dark Pearl | Reel       | 1,000 ft | 612825178835 | C        |

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