



Product: [5626UG](#)

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

Product Description

Nurse Call & Paging Cable, Rated-CM, 8-24 AWG solid bare copper conductors with polyolefin insulation, PVC 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) | PP - Polypropylene | 0.0065 in (0.17 mm) | 0.033 in mm | Yellow, Blue, Black, Orange, Red, Green, White, Purple |

Outer Shield

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

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|----------------|
| PVC - Polyvinyl Chloride | 0.030 in (0.76 mm) | .093 x .324 in |

| | |
|-----------------------------------|------------------|
| Overall Cable Diameter (Nominal): | 0.093 x 0.324 in |
|-----------------------------------|------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Max. Current |
|--------------------|-------------------------------|--|
| 32.4 Ohm/1000ft | 17 pF/ft (56 pF/m) | 1.4 Amps per Conductor at 25°C (10°C Temperature Rise) |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|----------------|
| 75°C | -25°C To +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|------------------|-------------------|
| 0.30 in (7.6 mm) | 0.30 in |

| | |
|--------------------|----------------|
| Max. Pull Tension: | 44 lbs (20 kg) |
|--------------------|----------------|

| | |
|--------------------|---------------|
| Bulk Cable Weight: | 25 lbs/1000ft |
|--------------------|---------------|

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor Rated (Not Riser or Plenum), Indoor, Aerial - Black only, When supported by messenger wire |
| Flammability / Reaction to Fire: | UL 1685 UL Loading, UL 1685 Vertical Tray |
| NEC / UL Compliance: | Article 800, CM |
| CEC / C(UL) Compliance: | CM |
| 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) |
| Plenum Number: | 6626UG |

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.344 Revision Date: 12-20-2022 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC | Footnote |
|----------------|------------------|------------|----------|--------------|----------|
| 5626UG F6H1000 | Gray, Dark Pearl | Reel | 1,000 ft | 612825164807 | C |

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