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**General Description:**

Nurse Call & Paging Cable, Rated-CM, 6-24 AWG solid bare copper conductors with polyolefin insulation, PVC jacket

**Usage (Overall)**

Suitable Applications: Nurse Call, Commercial Sound, Annunciators, Voice Systems, Paging

**Physical Characteristics (Overall)**

**Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
6	24	Solid	BC - Bare Copper

Total Number of Conductors: 6

**Insulation**

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PP - Polypropylene	.0065	.033

Insulation Color Code Chart:

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

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.024

**Overall Cable**

Overall Nominal Diameter: 0.081 x 0.246 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -20°C To +75°C

Bulk Cable Weight: 17 lbs/1000 ft.

Max. Recommended Pulling Tension: 30 lbs.

**Applicable Specifications and Agency Compliance (Overall)**

**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CM

NEC Articles: 800

CEC/C(UL) Specification: CM

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 07/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

## 5624UG Multi-Conductor - Commercial Sound

CA Prop 65 (CJ for Wire & Cable): Yes

Mil Order #39 (China RoHS): Yes

### Flame Test

UL Flame Test: UL1685 UL Loading

### Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6624UG

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

17

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

25.4

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

Current

1.4 Amps per conductor @ 25°C (10°C rise in temp)

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5624UG F6H1000	1,000 FT	18.000 LB	GRAY, DARK PEARL		6 #24 PP PVC

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