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1-800-Belden1



### General Description:

Nurse Call & Paging Cable, Rated-CM, 8-24 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
8	24	Solid	BC - Bare Copper

Total Number of Conductors: 8

#### Insulation

Insulation Material:

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

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.030

#### Overall Cable

Overall Nominal Diameter: 0.093 x 0.324 in.

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 25 lbs/1000 ft.

Max. Recommended Pulling Tension: 40 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

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

MII Order #39 (China RoHS): Yes

#### Flame Test

UL Flame Test: UL1685 UL Loading

#### Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6626UG

## 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
5626UG F6H1000	1,000 FT	29.000 LB	GRAY, DARK PEARL	C	8 #24 PP PVC

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 03-13-2013

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