



For more Information  
please call

1-800-Belden1



## General Description:

Nurse Call & Paging Cable, Plenum-CMP, 6-24 AWG solid bare copper conductors with FEP insulation, Flamarrest 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 (mm)	Dia. (mm)
FEP - Fluorinated Ethylene Propylene	0.1778	0.8636

### Outer Jacket

**Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.4826

### Overall Cable

**Overall Nominal Diameter:** 1.829 x 6.147 mm

## Mechanical Characteristics (Overall)

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

**Bulk Cable Weight:** 26.788 Kg/Km

**Max. Recommended Pulling Tension:** 133.446 N

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

**NEC/(UL) Specification:** CMP

**NEC Articles:** 800

**CEC/C(UL) Specification:** CMP

**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):** 04/01/2005

**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: UL910 Steiner Tunnel

C(UL) Flame Test: FT6

**Plenum/Non-Plenum**

Plenum (Y/N): Yes

Non-Plenum Number: 5624UG

**Electrical Characteristics (Overall)**

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)

49.215

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)

83.3374

**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
6624UG F6H1000	1,000 FT	21.000 LB	GRAY, DARK PEARL	C	6 #24 FEP FLRST

**Notes:**

C = CRATE REEL PUT-UP.

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

© 2019 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).