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1-800-Belden1



General Description:

Nurse Call & Paging Cable, Plenum-CMP, 8-24 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
8	24	Solid	BC - Bare Copper

Total Number of Conductors: 8

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 7.874 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 35.717 Kg/Km

Max. Recommended Pulling Tension: 177.928 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: 5626UG

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
6626UG F6H1000	1,000 FT	26.000 LB	GRAY, DARK PEARL	C	8 #24 FEP FLRST

Notes:

C = CRATE REEL PUT-UP.

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

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