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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 (in.)	Dia. (in.)
FEP - Fluorinated Ethylene Propylene	.007	.034

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.019

Overall Cable

Overall Nominal Diameter: 0.072 x 0.242 in.

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 18 lbs/1000 ft.

Max. Recommended Pulling Tension: 30 lbs.

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/ft)
15

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

Notes:
C = CRATE REEL PUT-UP.

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