BELDEN

Product: 5626UG ⇗

Nurse Call & Paging, #24-8c, BC, Unshielded, CM

Product Description

Nurse Call & Paging Cable, Rated-CM, 8-24 AWG solid bare copper conductors with polyolefin insulation, PVC jacket

Technical Specifications

Product Overview

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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	8	24 AWG	Solid	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.0065 in (0.17 mm)	0.033 in mm	Yellow, Blue, Black, Orange, Red, Green, White, Purple

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.030 in (0.76 mm)	.093 x .324 in

Overall Cable Diameter (Nominal):	0.093 x 0.324 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
32.4 Ohm/1000ft	17 pF/ft (56 pF/m)	1.4 Amps per Conductor at 25ºC (10°C Temperature Rise)

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-25°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
0.30 in (7.6 mm)	0.30 in

Max. Pull Tension:	44 lbs (20 kg)

Bulk Cable Weight:	25 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor Rated (Not Riser or Plenum), Indoor, Aerial - Black only, When supported by messenger wire
Flammability / Reaction to Fire:	UL 1685 UL Loading, UL 1685 Vertical Tray
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	6626UG

History

Update and Revision:	Revision Number: 0.345 Revision Date: 05-31-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
5626UG F6H1000	Gray, Dark Pearl	Reel	1,000 ft	612825164807	C

Mouser Electronics

Authorized Distributor

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