

B9C621 Fiber - Tight Buffer Distribution Cables - Plenum (OFNP)



For more Information
please call

1-800-Belden1



Description:

FiberExpress Optical Fiber Distribution Cables are designed for low to high fiber count in-building installations. They offer a high degree of flexibility for backbone and horizontal applications.

Physical Characteristics (Overall)

Fiber Type:	50 Micron (OM3)
Number of Fibers:	144
Buffer Tube Material:	Thermoplastic

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Strength Member

Strength Member Material:	Aramid Yarn
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Overall Cable

Overall Nominal Diameter:	1 in.
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Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +75°C
Installation Temperature Range:	0°C To +75°C
Operating Temperature Range:	0°C To +75°C
Bulk Cable Weight:	302 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	15 in.
Min. Bend Radius for Long Term Application:	10 in.
Max. Load for Installation:	2868 lbs.
Max. Load for Long Term Application:	1428 lbs.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	OFNP
CEC/C(UL) Specification:	OFNP
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/01/2008
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

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Flame Test

UL Flame Test: UL910 Plenum

CSA Flame Test: FT6

Suitability

Suitability - Indoor: Yes

Suitability - Outdoor: No

Suitability - Aerial: No

Suitability - Burial: No

Sunlight Resistance: No

Plenum/Non-Plenum

Plenum (Y/N): Yes

Non-Plenum Number: B9C619

Optical Characteristics (Overall)

Maximum Attenuation @ 850nm: 3.0 dB/km

Maximum Attenuation @ 1300nm: 1.2 dB/km

Minimum Bandwidth @ 850nm: 1500 MHz*km

Minimum Bandwidth @ 1300nm: 500 MHz*km

Maximum Gigabit Ethernet Length @ 850nm: 1000

Maximum Gigabit Ethernet Length @ 1300nm: 550

Fiber Coding MLT EMEA:

Fiber/Tube No.	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Gray
6	White
7	Red
8	Black
9	Yellow
10	Purple
11	Rose
12	Aqua

Related Documents:

[Distribution Cable.pdf](#) - Distribution Cable technical information.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9C621	1 FT	0.000	AQUA		144G5 DIST PLN AQU

Revision Number: 0 Revision Date: 09-16-2009

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