

**B9C611 Fiber - Distribution Cable - Plenum**

For more Information  
please call

1-800-Belden1

**General Description:**

FiberExpress Distribution Cable, 24-Fiber, OM3 OFNP, Tight Buffer, Indoor Rated with Aqua Jacket, High flexibility for backbone and horizontal applications.

**Physical Characteristics (Overall)**

Fiber Type:	50 Micron (OM3)
Number of Fibers:	24
Core Diameter:	50
Clad Diameter:	125
Primary Coating Diameter:	250

**Outer Jacket**

Outer Jacket Material:

<b>Outer Jacket Material</b>
PVC - Polyvinyl Chloride

Outer Jacket Color:	AQUA
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**Strength Member**

Strength Member Material:	Aramid Yarn
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**Overall Cable**

Overall Nominal Diameter:	0.330 in.
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**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +75°C
Installation Temperature Range:	0°C To +70°C
Operating Temperature Range:	0°C To +70°C
Bulk Cable Weight:	46 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	5 in.
Min. Bend Radius for Long Term Application:	3.300 in.
Max. Load for Installation:	300 lbs.
Max. Load for Long Term Application:	45 lbs.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	OFNP
CEC/C(UL) Specification:	OFNP
EU Directive 2011/65/EU (ROHS II):	Yes
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
MIL Order #39 (China RoHS):	Yes

**Flame Test**

UL Flame Test:	UL910 Plenum
CSA Flame Test:	FT6

**B9C611 Fiber - Distribution Cable - Plenum****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:	B9C601

**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 meters
Maximum Gigabit Ethernet Length @ 1300nm:	550 meters

**Fiber Coding MLT EMEA:**

Fiber/Tube No.	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White
7	Red
8	Black
9	Yellow
10	Violet
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
B9C611	1 FT	0.000	AQUA		REPLACED BY F13D024P9

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