

**B9C606 Fiber - Distribution Cable - Riser**

For more Information  
please call

1-800-Belden1

**General Description:**

FiberExpress Distribution Cable, 48-Fiber, OM3 OFNR, 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:	48
Core Diameter:	50
Clad Diameter:	125
Primary Coating Diameter:	250
Secondary Coating Diameter:	900
Buffer Tube Material:	Thermoplastic

**Outer Jacket**

Outer Jacket Material:

**Outer Jacket Material**  
PVC - Polyvinyl Chloride

Outer Jacket Color: AQUA

**Strength Member**

Strength Member Material: Aramid Yarn

**Overall Cable**

Overall Nominal Diameter: 0.610 in.

**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +75°C
Installation Temperature Range:	-20°C To +70°C
Operating Temperature Range:	-20°C To +70°C
Bulk Cable Weight:	120 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	9.100 in.
Min. Bend Radius for Long Term Application:	6.100 in.
Max. Load for Installation:	300 lbs.
Max. Load for Long Term Application:	150 lbs.

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

NEC/(UL) Specification:	OFNR
CEC/C(UL) Specification:	OFN
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
MII Order #39 (China RoHS):	Yes

**Flame Test**

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UL Flame Test:	UL1666 Riser
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CSA Flame Test:	FT4
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**Suitability**

Suitability - Indoor:	Yes
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Suitability - Outdoor:	No
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Suitability - Aerial:	No
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Suitability - Burial:	No
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Sunlight Resistance:	No
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**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Optical Characteristics (Overall)**

Maximum Attenuation @ 850nm:	3.0 dB/km
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Maximum Attenuation @ 1300nm:	1.2 dB/km
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Minimum Bandwidth @ 850nm:	1500 MHz*km
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Minimum Bandwidth @ 1300nm:	500 MHz*km
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Maximum Gigabit Ethernet Length @ 850nm:	1000 meters
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Maximum Gigabit Ethernet Length @ 1300nm:	550 meters
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**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

**Notes (Overall)**

**Notes:** 6 Fibers per PVC-jacketed tube

**Related Documents:**

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

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9C606	1 FT	0.155 LB	AQUA		REPLACED BY FI3D048RK

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