

**B9C606 Fiber - Distribution Cable - Riser**

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)**

<b>Fiber Type:</b>	50/125/900 Micron
<b>Number of Fibers:</b>	48
<b>Buffer Tube Material:</b>	Thermoplastic

**Outer Jacket**

**Outer Jacket Material:**

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

**Strength Member**

<b>Strength Member Material:</b>	Aramid Yarn
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**Overall Cable**

<b>Overall Nominal Diameter:</b>	0.610 in.
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**Mechanical Characteristics (Overall)**

<b>Storage Temperature Range:</b>	-40°C To +75°C
<b>Installation Temperature Range:</b>	-20°C To +70°C
<b>Operating Temperature Range:</b>	-20°C To +70°C
<b>Bulk Cable Weight:</b>	120 lbs/1000 ft.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	9.100 in.
<b>Min. Bend Radius for Long Term Application:</b>	6.100 in.
<b>Max. Load for Installation:</b>	956 lbs.
<b>Max. Load for Long Term Application:</b>	476 lbs.

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

<b>NEC/(UL) Specification:</b>	OFNR
<b>CEC/C(UL) Specification:</b>	OFN
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	08/01/2008
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

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## Flame Test

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
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Maximum Gigabit Ethernet Length @ 1300nm:	550
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## 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

## 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		48G5 DIST RSR AQU

Revision Number: 0    Revision Date: 03-04-2009

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