

B9A045 Fiber - Distribution Cable - Plenum



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 (OM2)
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Number of Fibers:	6
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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:	0.170 in.
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Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +75°C
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Installation Temperature Range:	0°C To +75°C
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Operating Temperature Range:	0°C To +75°C
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Bulk Cable Weight:	13 lbs/1000 ft.
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Min. Bend Radius (Install)/Minor Axis:	3 in.
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Min. Bend Radius for Long Term Application:	2 in.
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Max. Load for Installation:	286 lbs.
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Max. Load for Long Term Application:	143 lbs.
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Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

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

UL Flame Test:	UL910 Plenum
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CSA Flame Test:	FT6
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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):	Yes
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Non-Plenum Number:	B9A039
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Optical Characteristics (Overall)

Maximum Attenuation @ 850nm:	3.5 dB/km
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Maximum Attenuation @ 1300nm:	1.5 dB/km
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Minimum Bandwidth @ 850nm:	500 MHz*km
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Minimum Bandwidth @ 1300nm:	500 MHz*km
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Maximum Gigabit Ethernet Length @ 850nm:	600
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Maximum Gigabit Ethernet Length @ 1300nm:	600
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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

Related Documents:

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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9A045	1 FT	0.019 LB	ORANGE		6G4 DIST PLN ORG

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