

B9B045T Fiber - Distribution Cable - Plenum Indoor/Outdoor



For more Information
please call

1-800-Belden1



General Description:

FiberExpress Distribution Cable, 6-Fiber, OM1 OFNP, Tight Buffer, Indoor & Outdoor Rated with UV Resistant Black Jacket, High flexibility for backbone and horizontal applications.

Physical Characteristics (Overall)

Fiber Type:	62.5 Micron (OM1)
Number of Fibers:	6
Core Diameter:	62.5
Clad Diameter:	125
Primary Coating Diameter:	250
Secondary Coating Diameter:	900

Inner Jacket

Inner Jacket Ripcord:	Yes
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Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Color:	Black
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Strength Member

Strength Member Material:	Aramid Yarn
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Overall Cable

Overall Nominal Diameter:	0.220 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:	-20°C To +70°C
Bulk Cable Weight:	22 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	2.900 in.
Min. Bend Radius for Long Term Application:	1.900 in.
Max. Load for Installation:	243 lbs.
Max. Load for Long Term Application:	121 lbs.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	OFNP
CEC/(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
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:	Yes
Suitability - Aerial:	No
Suitability - Burial:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	B9B039T

Optical Characteristics (Overall)

Maximum Attenuation @ 850nm:	3.5 dB/km
Maximum Attenuation @ 1300nm:	1.2 dB/km
Minimum Bandwidth @ 850nm:	200 MHz*km
Minimum Bandwidth @ 1300nm:	600 MHz*km
Maximum Gigabit Ethernet Length @ 850nm:	300 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
B9B045T	1 FT	0.016 LB	BLACK		DISTR 6F OM1 OFNP TB

Revision Number: 0 Revision Date: 08-12-2014

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