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General Description:

FiberExpress Distribution Cable, 6-Fiber, OS2 OFNP, Tight Buffer, Indoor Rated with Yellow Jacket, High flexibility for backbone and horizontal applications.

Physical Characteristics (Overall)

Fiber Type:	SM, (OS2)
Number of Fibers:	6
Mode Field Diameter @ 1310nm:	9.2
Clad Diameter:	125
Primary Coating Diameter:	250
Secondary Coating Diameter:	900

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Color:	Yellow
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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
Installation Temperature Range:	0°C To +70°C
Operating Temperature Range:	0°C To +70°C
Bulk Cable Weight:	13 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	3 in.
Min. Bend Radius for Long Term Application:	2 in.
Max. Load for Installation:	100 lbs.
Max. Load for Long Term Application:	30 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
MII Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	UL910 Plenum
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B9W045 Fiber - Distribution Cable - Plenum

CSA Flame Test: F 16

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: B9W039

Optical Characteristics (Overall)

Maximum Attenuation @ 1310nm: .5 dB/km

Maximum Attenuation @ 1550nm: .5 dB/km

Maximum Gigabit Ethernet Length @ 1300nm: 5000 meters

Fiber Coding MLT EMEA:

Fiber/Tube No.	Color
1	Blue
2	Orange
3	Green
4	Brown
5	Slate
6	White

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9W045	1 FT	0.000	YELLOW		FI OS2 DIST 6F OFNP YL_JKT

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