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1-800-Belden1



General Description:

FiberExpress Distribution Cable, 6-Fiber, OM2 OFNP, Tight Buffer, Indoor Rated with Orange Jacket, High flexibility for backbone and horizontal applications.

Physical Characteristics (Overall)

Fiber Type:	50 Micron (OM2)
Number of Fibers:	6

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
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
C(UL) Flame Test:	OFNP
CSA Flame Test:	FT6

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

B9A045 Fiber - Distribution Cable - Plenum

Suitability - Aerial:	No
Suitability - Burial:	No
Sunlight Resistance:	No

Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	B9A039

Optical Characteristics (Overall)

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

Fiber Coding MLT EMEA:

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

Related Documents:

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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9A045	1 FT	0.000			REPLACED BY F12D006P9

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