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please call

1-800-Belden1



### General Description:

FiberExpress Distribution Cable, 12-Fiber, OM2 OFNR, 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:	12
Buffer Tube Material:	Thermoplastic

#### 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:	0.220 in.
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### Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +75°C
Installation Temperature Range:	-20°C To +70°C
Operating Temperature Range:	-20°C To +70°C
Bulk Cable Weight:	17 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	3.500 in.
Min. Bend Radius for Long Term Application:	2.500 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:	OFNR
CEC/C(UL) Specification:	OFN
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:	UL1666 Riser
CSA Flame Test:	FT4

#### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

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

**Plenum/Non-Plenum**

Plenum (Y/N):	No
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**Optical Characteristics (Overall)**

Maximum Attenuation @ 850nm:	3.5 dB/km
Maximum Attenuation @ 1300nm:	1.2 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
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
B9A042	1 FT	0.000			REPLACED BY F12D012R9

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