

**B9W612 Fiber - Tight Buffer Distribution Cables - Plenum (OFNP)**

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:	SM
Number of Fibers:	24
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:	0.550 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:	0°C To +75°C
Bulk Cable Weight:	134 lbs/1000 ft.
Min. Bend Radius (Install)/Minor Axis:	8.300 in.
Min. Bend Radius for Long Term Application:	5.500 in.
Max. Load for Installation:	716 lbs.
Max. Load for Long Term Application:	360 lbs.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	OFNP
CEC/C(UL) Specification:	OFNP
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

**B9W612 Fiber - Tight Buffer Distribution Cables - Plenum (OFNP)****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:	B9W602
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**Optical Characteristics (Overall)**

Maximum Attenuation @ 1300nm:	.5 dB/km
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Maximum Attenuation @ 1550nm:	.5 dB/km
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Maximum Gigabit Ethernet Length @ 1300nm:	5000
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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
B9W612	1 FT	0.098 LB	YELLOW		24SM DIST PLN YEL

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