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1-800-Belden1



**General Description:**

FiberExpress Single Jacket-All Dielectric Cable, 12-Fiber, OS2 OFNR, Loose Tube, Indoor & Outdoor Rated with UV Resistant Black Jacket, No grounding required, Suited for aerial lashing and underground conduit.

**Physical Characteristics (Overall)**

Fiber Type:	SM, (OS2)
Number of Fibers:	12
Mode Field Diameter @ 1310nm:	9.2
Clad Diameter:	125
Primary Coating Diameter:	245
Buffer Tube Material:	Thermoplastic

**Outer Jacket**

Outer Jacket Material:	
Outer Jacket Material:	PVC - Polyvinyl Chloride
Outer Jacket Color:	Black

**Strength Member**

Strength Member Material:	Aramid Yarn, Fiberglass Epoxy Rod
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**Overall Cable**

Overall Nominal Diameter:	0.510 in.
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**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +75°C
Installation Temperature Range:	-30°C To + 70°C
Operating Temperature Range:	-40°C To +70°C
Bulk Cable Weight:	108 lbs/1000 ft.
Min. Bend Radius/Minor Axis:	10,200 in.
Min. Bend Radius for Long Term Application:	5,100 in.
Max. Load for Installation:	600 lbs.
Max. Load for Long Term Application:	200 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):	08/22/2008
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
C(UL) Flame Test:	FT4
CSA Flame Test:	FT4

## B9W811 Fiber - All Dielectric Cable - In/Outdoor Riser

**Suitability**

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Aerial:	Yes - When supported by messenger wire
Suitability - Burial:	Yes
Sunlight Resistance:	Yes
<b>Plenum/Non-Plenum</b>	
Plenum (Y/N):	No

**Optical Characteristics (Overall)**

Maximum Attenuation @ 1310nm:	.35 dB/km
Maximum Attenuation @ 1550nm:	.25 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
7	Red
8	Black
9	Yellow
10	Violet
11	Rose
12	Aqua

**Related Documents:**

[Loose Tube Single Jacket All Dielectric.pdf](#) - Loose Tube Single Jacket All Dielectric technical information.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
B9W811	1 FT	0.080 LB	BLACK		REPLACED BY FDSL012RF

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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