



For more Information  
please call

1-800-Belden1



### General Description:

FiberExpress Distribution Cable, 96-Fiber, OS2 OFNR, Tight Buffer, Indoor Rated with Yellow Jacket, High flexibility for backbone and horizontal applications

### Physical Characteristics (Overall)

Product Family - Riser:

Fiber Count	Type	OM1 MM 62.5/125 1 Gb	OM2 MM 50/125 1 Gb	OM3 MM 50/125 10 Gb 300m	OM4 MM 50/125	OS2 SM
2	Indoor	B9B037	B9A037	B9C037	B9E037	B9W037
2	LSZH In/ Outdoor	B9B100	B9A100	B9C100	B9E100	B9W100
2	Indoor / Outdoor	B9B037T	B9A037T	B9C037T	B9E037T	B9W037T
4	Indoor	B9B038	B9A038	B9C038	B9E038	B9W038
4	LSZH In/ Outdoor	B9B101	B9A101	B9C101	B9E101	B9W101
4	Indoor / Outdoor	B9B038T	B9A038T	B9C038T	B9E038T	B9W038T
6	Indoor	B9B039	B9A039	B9C039	B9E039	B9W039
6	LSZH In/ Outdoor	B9B102	B9A102	B9C102	B9E102	B9W102
6	Indoor / Outdoor	B9B039T	B9A039T	B9C039T	B9E039T	B9W039T
8	Indoor	B9B040	B9A040	B9C040	B9E040	B9W040
8	LSZH In/ Outdoor	B9B103	B9A103	B9C103	B9E103	B9W103
8	Indoor / Outdoor	B9B040T	B9A040T	B9C040T	B9E040T	B9W040T
12	Indoor	B9B042	B9A042	B9C042	B9E042	B9W042
12	LSZH In/ Outdoor	B9B104	B9A104	B9C104	B9E104	B9W104
12	Indoor / Outdoor	B9B042T	B9A042T	B9C042T	B9E042T	B9W042T
16	LSZH In/ Outdoor	B9B105	B9A105	B9C105	B9E105	B9W105
24	Indoor	B9B602	B9A602	B9C602	B9E602	B9W602
24	Indoor / Outdoor	B9B602T	B9A602T	B9C602T	B9E602T	B9W602T
24*	Indoor	B9B601	B9A601	B9C601	B9E601	B9W601
24*	LSZH In/ Outdoor	B9B107	B9A107	B9C107	B9E107	B9W107
24*	Indoor / Outdoor	B9B601T	B9A601T	B9C601T	B9E601T	B9W601T
36	Indoor	B9B604	B9A604	B9C604	B9E604	B9W604
36	LSZH In/ Outdoor	B9B111	B9A111	B9C111	B9E111	B9W111
36	Indoor / Outdoor	B9B604T	B9A604T	B9C604T	B9E604T	B9W604T
48	Indoor	B9B606	B9A606	B9C606	B9E606	B9W606
48	LSZH In/ Outdoor	B9B112	B9A112	B9C112	B9E112	B9W112
48	Indoor / Outdoor	B9B606T	B9A606T	B9C606T	B9E606T	B9W606T
72	Indoor	B9B609	B9A609	B9C609	B9E609	B9W609
72	LSZH In/ Outdoor	B9B114	B9A114	B9C114	B9E114	B9W114
72	Indoor / Outdoor	B9B609T	B9A609T	B9C609T	B9E609T	B9W609T
96	Indoor	B9B622	B9A622	B9C622	B9E622	B9W622
96	Indoor/Outdoor	B9B922T	B9A622T	B9C622T	B9E622T	B9W622T
96	LSZH In/ Outdoor	B9B116	B9A116	B9C116	B9E116	B9W116
144	Indoor	B9B619	B9A619	B9C619	B9E619	B9W619
144	Indoor/Outdoor	B9B619T	B9A619T	B9C619T	B9E619T	B9W619T
144	LSZH In/ Outdoor	B9B120	B9A120	B9C120	B9E120	B9W120

\*Single jacket design

Fiber Type: SM, (OS2)

Number of Fibers: 96

### Outer Jacket

Outer Jacket Material:

**Outer Jacket Material**  
PVC - Polyvinyl Chloride

### Strength Member

Strength Member Material: Aramid Yarn

### Overall Cable

Overall Nominal Diameter: 0.900 in.

### 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: 281 lbs/1000 ft.

Min. Bend Radius/Minor Axis: 13.500 in.

Min. Bend Radius for Long Term Application: 9 in.

Max. Load for Installation: 300 lbs.

Max. Load for Long Term Application: 150 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

Plenum Number: B9W623

### 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
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
B9W622	1 FT	0.465 LB	YELLOW		REPLACED BY FISD096RK

Revision Number: 1    Revision Date: 02-06-2013

© 2017 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.