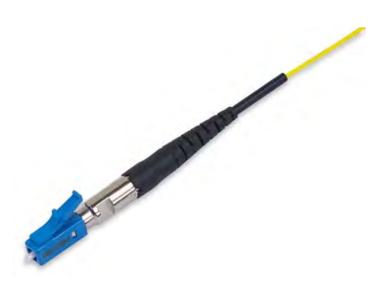
# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



### FTSLB900FS01 Modular Connectors - FX FUSION LC CONNECTOR



For more Information please call

1-800-Belden1



### **General Description:**

FX FUSION SPLICE-ON CONNECTOR, OS2, LC/APC SIMPLEX, 900UM TIGHT BUFFER, GREEN HOUSING, 1/PACK

Usage (Overall)
-----------------

Related Parts:	FX Splice-On Installation Kit, FX Pigtails.	
Suitable Applications:	Field-termination of fiber optic cables within Patch Panels, Distribution Frames, Workstation Outlets for FTTD (Fiber to the Desk), drops for FTTH (Fiber to the home) and MDU (Multiple Dwelling Units).	

### **Physical Characteristics (Connectivity)**

### **Dimensions**

Dimensions:

Height (in.)	Width (in.)	Length (in.)
0.380	0.240	3.140

### Materials

### Materials:

Description	Material	Color
Boot	Rubber	Black
Protective Ferrule Cap	Plastic	Opaque
Connector Front Housing	Plastic	Green
Connector Rear Housing	Nickel plated zinc alloy diecast	
Ferrule	Zirconia-Ceramic	White

### Weight

Weight: 0.046 lbs.

### **Included Parts**

Included Parts: 900 µm boot, protective ferrule cap, splice protection sleeve

## Packaging

Packaging: One (1) connector per pack, each in a dust and moisture resistant clam-shell package

### **Mechanical Characteristics (Connectivity)**

### Mechanical Specifications:

Parameters	Specifications
Interconnection Compatibility	TIA/EIA-604-10B (FOCIS 10)
Field Assembly Time	TBD
Durability	500 cycles, FOTP-21
Storage Temperature	-10Ã?°C to +85Ã?°C
Operating Temperature	-10Ã?°C to +75Ã?°C
Tensile strength on 900 ?µm tight buffered fiber	1.12 lb (0.5 Kg), FOTP-6

Page 1 of 2 02-27-2017

## **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



### FTSLB900FS01 Modular Connectors - FX FUSION LC CONNECTOR

	olicable Specifications and Agency Compliance (O	verall)
	EU Directive 2002/95/EC (RoHS):	Yes
	EU RoHS Compliance Date (mm/dd/yyyy):	07/01/2006
	MII Order #39 (China RoHS):	EUP 50
	Telecommunications Standards:	TIA 568-D.3
Sui	tability	
	Suitability - Indoor:	Yes - Indoor

### **Transmission Characteristics (Connectivity)**

#### Transmission Specifications:

Fiber type	Maximum Insertion Loss	Minimum reflectance
Single-mode UPC	0.3 dB	-55 dB
Single-mode APC	0.3 dB	-65 dB
Multimode OM1	0.25 dB	-25 dB
Multimode OM3 / OM4	0.2 dB	-25 dB

### Notes (Overall)

**Product Family** 

### **Put Ups and Colors:**

Item# Putup Ship Weight Color Notes Item Desc
---

Revision Number: 0 Revision Date: 02-27-2017

© 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.

Page 2 of 2