



**Product:** [FT4SC900PR12](#) 

FX PIGTAIL OM4 SC\_SX TB\_900 COLOR-CODED\_12F 2M EV\_CONN

## Product Description

FX FIELD-TERMINATION PIGTAIL, OM4, SC SIMPLEX, TIGHT BUFFER 900 UM, COLOR-CODED 12-FIBER, 2M, ERIKA VIOLET CONNECTOR

## Technical Specifications

### Product Overview

Suitable Applications:	Data Centers, Main Equipment Rooms and Telecommunications Rooms
------------------------	---

### Fiber Specifications

Fiber Type:	OM4
Fiber Core Diameter:	50 µm
Fiber Count:	12
Fiber Color Code:	TIA-598-D

### Physical Specifications

#### Connectors

Description	Type	Housing Material	Housing Color	Ferrule	Boot Material	Boot Color
Connector A (Inside End)	SC Simplex	Plastic	Erika Violet	Zirconia Ceramic	Rubber	Erika Violet

#### Assembly Cable

Cable Nominal OD
0.9 mm

#### Measurement

Overall Assembly Length	Packaging
2 meters	Individually packaged in a plastic bag.

#### Overall Length Tolerances

Range	Tolerance
0 to 2 meters	+0.2 / -0 meter
2.1 to 5 meters	+0.3 / -0 meter
5.1 to 20 meters	+0.4 / -0 meter
over 20 meters	+1.3 / -0 meter

### Armor Specifications

Armor Type and Material:	No Armor
--------------------------	----------

### Optical Characteristics

#### Fiber Connector Performance

Description	Connector Type	Max. Insertion Loss	Min. Return Loss
Connector A (Inside End)	SC Simplex	0.15 dB	-25 dB

### Temperature Range

Operating Temperature Range:	-10°C to +60°C
------------------------------	----------------

Storage Temperature Range:	-10°C to +60°C
----------------------------	----------------

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	N/A
UL Rating:	Non Rated
TIA/EIA Compliance:	TIA/EIA 568.3
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)
MII Order #39 (China RoHS):	EUP 50
Other Standard Compliance(s):	ACMA

## Product Notes

Related Parts:	FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames
----------------	---

## History

Update and Revision:	Revision Number: 0.275 Revision Date: 02-13-2026
----------------------	--

© 2026 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.