



**Product:** [FTSSB250PR125MZ](#)

FX FIELD-TERMINATION PIGTAIL, OS2, SC SIMPLEX/APC

### Product Description

FX FIELD-TERMINATION PIGTAIL, OS2, SC SIMPLEX/APC, BARE RIBBON 250 UM, COLOR-CODED 12-FIBER, 5M

### Technical Specifications

#### Product Overview

Suitable Applications:	Data Centers, Main Equipment Rooms and Telecommunications Rooms
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#### Fiber Specifications

Fiber Type:	OS2
Fiber Core Diameter:	9 µm
Fiber Count:	12
Fiber Color Coding:	TIA-598-D

#### Physical Specifications

##### Connectors

Description	Type	Housing Material	Housing Color	Ferrule	Boot Material	Boot Color
Connector A (Inside End)	SC Duplex/APC	Plastic	Green	Zirconia Ceramic	Rubber	Green

##### Fan-out (Legs)

Description	Transition	Length (m)	Diameter	Geometry
Connector A (Inside End)	Heat Shrink	0.61 m	900 µm	In-Line

##### Assembly Cable

<b>Cable Nominal OD</b>
0.25 mm

##### Measurement

Overall Assembly Length	Packaging
5 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
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#### Optical Characteristics

##### Fiber Connector Performance

Description	Connector Type	Max. Insertion Loss	Min. Return Loss
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Connector A (Inside End)	SC Duplex/APC	0.25 dB	-65 dB
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## Temperature Range

Operating Temperature Range:	-40°C to +75°C
Storage Temperature Range:	-40°C to +75°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
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## History

Update and Revision:	Revision Number: 0.9 Revision Date: 02-11-2025
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