



Product: [FPSSBSB001MR4SY](#)

SC APC Simplex OS2 1M Patch Cord

Product Description

FX PATCH CORD, OS2, SC SIMPLEX/APC - SC SIMPLEX/APC, 1 M, OFNR, SIMPLEX 2.0 MM, A-TO-A, YELLOW JACKET

Technical Specifications

Product Overview

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

Fiber Specifications

Fiber Type:	OS2
Fiber Core Diameter:	8.2/125 μ m
Fiber Count:	1
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/APC Simplex	Plastic	Green	Zirconia Ceramic	Rubber	Green
Connector B (Outside End)	SC/APC Simplex	Plastic	Green	Zirconia Ceramic	Rubber	Green

Measurement

Overall Assembly Length	Packaging
1 m	Individually packaged in a clear plastic bag

Overall Length Tolerances

Range	Tolerance
0 to 2 meters	+0.2 / -0 meter
2.1 to 4.9 meters	+0.3 / -0 meter
5 to 40 meters	+0.4 / -0 meter
over 40 meters	+1.0% / -0%

Optical Characteristics

Polarity Identification:	A-to-A
--------------------------	--------

Fiber Connector Performance

Connector Type	Max. Insertion Loss	Min. Return Loss
SC/APC Simplex	0.25 dB	65 dB
SC/APC Simplex	0.25 dB	65 dB

Temperature Range

Operating Temperature Range:	-40°C To +75°C
Storage Temperature Range:	-40°C To +75°C

Standards and Compliance

Environmental Space:	Indoor
UL Flammability:	OFNR
UL Rating:	Riser
TIA/EIA Compliance:	TIA 568.3
EU Directive 2011/65/EU (RoHS 2):	Yes
MII Order #39 (China RoHS):	EUP 50
Safety Listing:	ACMA

Product Notes

Related Parts:	FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames and Cassettes. Workstation Outlets
----------------	--

History

Update and Revision:	Revision Number: 0.92 Revision Date: 02-06-2025
----------------------	---

© 2025 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.