

C-ASC-SC-5MS9SMFO

5m ASC to SC Black OS2 Simplex OFNR (Riser-Rated) SMF Fiber Outdoor Patch Cable

Features

- ASC Male to SC Male Connectors
- 9/125 Patch cable
- OFNR Riser Rated
- Black Jacket Color
- OS2 Rated
- Insertion Loss $\leq 0.2\text{dB}$
- Return Loss $\geq 60\text{dB APC}$
 $\geq 55\text{dB UPC}$



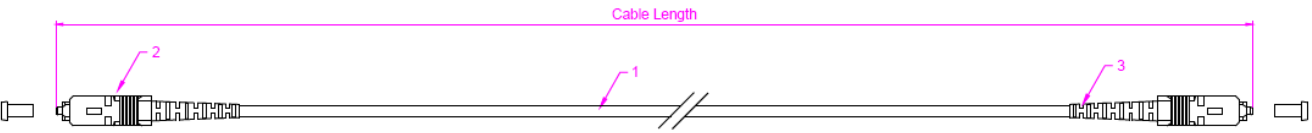
Product Description

This is a 5m ASC to SC Black OS2 Simplex OFNR (Riser-Rated) SMF Fiber Outdoor Patch Cable. OS2 fiber optic cable is a high-performance single-mode fiber designed for long-distance data transmission, making it ideal for businesses requiring reliable and fast network connections over longer distances up to 200kilometers. With low signal loss and the ability to support 1G to 100G speeds, ensuring efficient communication across offices, data centers, or industrial facilities. OFNR riser fiber cable jackets are designed for vertical installations in building risers, providing fire-resistant protection to ensure safe data transmission between floors. These cables meet strict safety standards, making them ideal for businesses that need reliable, in-building network infrastructure without the risk of fire spreading through conduits. Outdoor-rated fiber cable jackets are built to withstand harsh environmental conditions, offering protection against moisture, UV rays, and temperature extremes. These cables are ideal for businesses that need durable, weather-resistant networking solutions for outdoor installations like campus networks or long-distance connections between buildings. The Standard Boot option provides reliable and straightforward connections for fiber cables, making it an economical choice for various networking applications. Ideal for businesses that require dependable performance without the complexity, this option ensures consistent data transmission in everyday network setups. Our cables are TIA compliant, ensuring performance for all networking needs.

Specifications

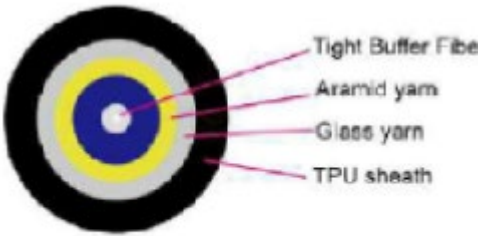
Parameter	Specifications
Environment	Outdoor
Standard	OS2
Fiber Type	SMF
Connector	ASC (Male) to SC (Male)
Color	Black
Shielded	No
Strand Count	1
Cable Mode	Simplex
Jacket Type	Riser
Termination Type	Straight
Core/Cladding	9/125 μ m
Fiber Termination	APC - Angled Physical Contact
Polarity	Type A-A
Cable Type	OS2
Armored	No
Bend Insensitivity	G.657.A1
Connector 1 Ferrule Polish	APC (Angled Physical Contact)
Connector 2 Ferrule Polish	UPC (Ultra Physical Contact)
Insertion Loss Grade	Grade C
Fire Rating	Riser (OFNR)
Jacket Material	PVC (Polyvinyl Chloride)
Outer Diameter	2.0mm
Connector 1 Boot Style	Standard Boot
Connector 2 Boot Style	Standard Boot
Connector 1 Color	Green
Connector 2 Color	Blue
Insertion Loss	≤ 0.2 dB
Return Loss	≥ 60 dB APC ≥ 55 dB UPC
Cable Tolerance	
Cable Length < 1M	5cm
1M $\leq$ Cable Length < 15M	10cm
15M $\leq$ Cable Length < 30M	15cm
Cable Length ≥ 30 M	Cable Length* 1%

Mechanical Specifications



Item	Quantity	Specifications
1	A/R	OD: 3.0mm, Single-Mode 9/125μm G657A1, Simplex, Fiber Optic Outdoor Cable, TPU, Color: Black
2	1	SC/APC SM 3.0mm Simplex Connector, Green Housing, Green Boot
3	1	SC/APC SM 3.0mm Simplex Connector, Blue Housing, Blue Boot

Cable Diagram



Simplex Cable

About ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.



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