

SMC optical module



Overview

SMC fiber optic distribution boxes are designed to withstand harsh outdoor environments and provide excellent protection for fiber optic cables and equipment. The boxes are made of high-strength SMC (Sheet Molding Compound) material, which is resistant to corrosion, impact, and UV. Stay safely connected in your automotive environment – PROFIsafe & PROFINET compatible. Select the product variation you need. Assign an alias to this configuration. Remember that once the alias is. FS Modify™ is a customized service provided by FS to meet customers' hardware and software development needs, including product compatibility and software feature development for PicOS®, AmpCon, and transceivers. Providing industry-leading limited lifetime warranty. Refunds will be received about 5. This SMC 1GSFP-SX compatible SFP module supports 1000BASE-SX connectivity over multimode fiber cable (MMF). It supports a link distance of 550m via 50µm OM2 or 220m via 62. This multimode transceiver module complies with SFP MSA, IEEE 802. 3z, and SFF-8472, so it is suitable for any. Integrated circuits and reference designs help you create a smaller and faster optical module design used in high-bandwidth data communication applications. Whether you are creating a 100-Gbps or 400-Gbps, small form-factor pluggable (SFP) module, SFP+ transceiver, XFP module, CFP, X2/XENPAK module. Fiber optic distribution boxes, also known as fiber optic cable joint boxes or splice enclosures, are essential components of fiber optic networks.



Article Content

Hot

SMC MM -SMC Multi-Media Products Company Ltd.

About SMC Multi-Media (SMCMM) • Found in 1995, SMC Multi-Media is one of the full service contract manufacturing arm of the SMC Group focusing in optics,

Nov 10, 2025 Hot

TFB Review: P320 Strike Modular Chassis (SMC)

The Strike Industries SMC (Strike Modular Chassis) is a chassis for the Sig P320. It is machined aluminum and packed full of features.

Dec 25, 2025 Hot

SMC MM -SMC Multi-Media Products Company Ltd.

Optics and Imaging Products • Key laser printer modules (e.g. belt fuser and laser scan unit) • Fiber-optic components • Digital cameras, optical lens for CD/DVD

Jan 16, 2026 Hot

Optical Fiber Cross Connection Cabinet 96/144/288/576/1152 Cores SMC ...

Cabinets with SMC material: heat insulation, waterproof and good corrosion resistance High performance rubber seals: effective rain and dust proof for outdoor environment Modules individually

Dec 06, 2025 Hot

Fiber | SMC

Add to Cart SKU: AFLPML06PLC4S01 Poli-MOD ® PM-L-06-PLC-4-S-01 Patch and Splice Module, LC Connector End A, 6 OM4 Multi-Mode Fiber Add to Cart SKU: CMCFE72R/144R comCables™ FE

Apr 25, 2026 Hot

Outdoor Occ 144-Core SMC Fiber Optic Cross

Cabinets with SMC material: heat insulation, waterproof and good corrosion resistance High performance rubber seals: effective rain and dust proof

Mar 06, 2026 Hot

SMC Networks SMC1GSFP-LX 1000BASE-LX SFP Transceiver

Take a look at our test program to get the reliable and high-performance optical transceivers.

Jul 06, 2025 Hot

Strike Industries Sig Sauer P320 Strike Modular Chassis

The Strike Industries Sig Sauer P320 Strike Modular Chassis (SMC) - ALPHA is not a firearm. This is a grip module/chassis system made to work with the SIG

Aug 19, 2025 Hot

576-Core Double-Sided (1450×750×540) SMC Fiber Optic Cable

The ODC series SMC Optical Fiber Cross Connection Cabinet is used for optical cable connection, distribution and management in outdoor fiber networks. The cabinet adopts an SMC enclosure

Oct 26, 2025 Hot

SMC Optical Distribution Box

SMC fiber optic distribution boxes are designed to withstand harsh outdoor environments and provide excellent protection for fiber optic cables and

May 21, 2026 Hot

Optical module design resources | TI

Design requirements Modern optical module designs often require: Reduced power consumption to control and limit module temperature rise. Dynamic and precise control of laser diodes to regulate

Jul 31, 2025 Hot

Occ SMC Optical Distribution Frame Cross-Connect Cabinet

Sun Telecom's SUN-OCC-SMC series fiber optic cross-connect cabinets are mainly used for termination and cross-connections between cabling elements. This series of OCC's is with

Apr 20, 2026 Hot

Strike Industries Sig Modular Chassis SMC

In the spirit of this, the MKII will include the new Alpha frame, a rear back strap w/ picatinny rail, THE BACKSTRAP LITE, Strike Modular Magazine Release for p320, optic mount, Spare P320 Magazine

Aug 19, 2025 Hot

Strike Modular Chassis (SMC)

SMC Multi-Optic Mount (Footprints: C-More, DeltaPoint Pro, Docter/Noblex, RMR, Shield and all SIG SAUER Open Reflex Sights)

Mar 17, 2026 Hot

EX245-SPN*, Serial Communication Module

EX245-SPN*, Serial Communication Module EX245 series is a PROFINET® communication module that is compatible with Fiber Optic Push Pull connectors specified by AIDA (Automation Initiative of

May 16, 2026 Hot

Industrielle Automatisierungstechnik | SMC Deutschland

SMC Deutschland ist führender Hersteller, Partner und Lösungsanbieter für pneumatische und elektrische Automatisierungstechnik.

Jul 12, 2025 Hot

EX245-DX1/DY1, Digital I/O Module | SMC Europe

Assign an alias to this configuration. You can skip this step and create the alias later. Remember that once the alias is assigned, it cannot be modified.

Feb 10, 2026 Hot

Alcatel-Lucent OMSN Product Family Optical Multi-Service Node

Multiservice aggregation for SDH metro networks The Alcatel-Lucent 1660 Synchronous Multiplexer (SM), the Alcatel-Lucent 1662 Synchronous Multiplexer Compact (SMC) and the Alcatel-Lucent 1650

Apr 01, 2026 Hot

Occ SMC Optical Distribution Frame Cross-Connect Cabinet

Cabinets with SMC material: heat insulation, waterproof and good corrosion resistance High performance rubber seals: effective rain and dust proof for outdoor environment Modules

Oct 24, 2025 Hot

High Performance Active Optics & Passive Optics

Optics FireFly™ Mid-Board Optical Transceivers Samtec's FireFly™ Micro Flyover System™ embedded and rugged mid-board optical transceivers take data

Dec 25, 2025 Hot

SMC1GSFP-SX Compatible 1000BASE-SX 550m SFP Transceiver

Featuring a built-in Semtec chip and reliable VCSEL laser, the SFP module delivers low power consumption and stable optical links for 1G multimode networks like gigabit Ethernet & fibre channel.

May 11, 2026 Hot

ODC-576B SMC Optical Distribution Cabinet

Feel free to contact tarluz for your ODC/FDT/OCC requirement. 80kpa water pressure lashed against the box shell for 15 minutes and water droplets would not

Oct 31, 2025 Hot

SMC Newest Fiber Optic Cable Assemblies – Mouser

SMC Fiber Optic Cable Assemblies are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for SMC Fiber Optic Cable Assemblies.

Jun 24, 2026 Hot

Fiber Optic Cables | SMC

Add to Cart SKU: ESXL3012K401 SUPERIOR ESSEX ® L3012K401 OS2 Single Mode Interlock Armored Tight Buffer Riser Fiber Optic Cable, 12 Fiber, 900 m L, Aluminum Conductor Add to Cart

Nov 25, 2025 Hot

96 or 144 Fibers Outdoor SMC Optical Cross Connect

Optical Cross Connect Cabinet OCC is fully enclosed with reliable sealing for waterproof and dustproof and it's versatile for fiber optic cable splice and

Apr 26, 2026 Hot

IP65 96 Core SMC Cross Connect Cabinet

It is an essential interface equipment for backbone and distribution optical cables within fiber optic networks. Primarily utilized for outdoor optical cable connections and distribution, it facilitates an

Jul 21, 2025 Hot

Strike Industries SMC Alpha MKII Chassis Sig Sauer

1x SMC ALPHA GRIP MODULE/CHASSIS with Grip Panel, SI Modular Magazine Release [w/ extended button] and Rear Module Backstrap [w/ QD sockets] (fully

Apr 18, 2026 Hot

Fiber Connectors | SMC

SKU: HPWFCSC900K62M12 PREMISE WIRING PROclick ® FCSC900K62M12 Fiber Optic Connector, SC Connector, 62.5/125 MM-OM1 Fiber, Zirconia Ceramic

Aug 30, 2025 Hot

Poli-MOD® PM-L-12-PLC-3-S-01 Loaded Single/Standard ...

Poli-MOD® PM-L-12-PLC-3-S-01 Loaded Single/Standard Patch and Splice Module, LC End A, 12 OM3 50 um Multi-Mode Fiber AFL® Poli-MOD® is an innovative patch and splice module, which offers an

Nov 11, 2025

Contact Us

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