



Manufacturer:
VIAVI

Product Name:
Single 2X2 Crossover SMF Bulkhead FC/APC Without Option

Manufacturer Part Number:
MOSW-C112X002B0-M100-MFA-MO

▶ [Click here for more details on the Single 2X2 Crossover SMF Bulkhead FC/APC Without Option](#)

Data Sheet

VIAVI
Optical Switch Module (mOSW-C1)
Optical Switch for MAP Series

The mOSW-C1 Optical Switch module is the industry standard for manufacturing test automation applications and has the widest range of switch options in the industry. A member of the LightDirect Family of MAP series modules, the mOSW-C1 can be deployed in the compact MAP-220C 2-slot chassis or the larger 3 and 8 slot chassis systems (second generation MAP-230B & MAP-280 or the third generation MAP-330 & MAP-380).



Configuration Process

All mOSW switches are configured by a single part number that completely defines the function and options of the switch.

The structure of the part number mOSW-C1**ABBCCDE**-MXXX-MYY is as follows:

- A** refers to the number of independent mOSW-C1 switches in the module (1, 2, or 4)
- BB** refers to the switch type and defines the input type (1C, 2D, 2E, 2X)
- CCC** defines the number of outputs (from 002 to 064, increments shown in table)
- D** defines the termination type (B for bulkhead, P for 2m pigtails)
- E** defines the options (0 = no option, 1 = Power Trim option², H = High Directivity³)
- MXXX** defines the fiber type, refer to Table 1
- MYY** defines the connector type, refer to Table 2

Table 1

Code	Fibre Type
M100	9µm Single Mode
M101	50µm (OM3)
M102	62.5µm (OM1)
M105 ⁴	100µm

Table 2

Code	Connector Type
MFP	FC/PC
MFA	FC/APC
MSC	SC/PC
MSU	SC/APC
MLC	LC/PC
MLU	LC/APC

Notes

1. D Config part numbers indicate the number of switchable output states. The total number of physical output connectors will be 2X the number of states i.e. 2Dx004 has 8 output connectors
2. Power Trim option is available only for 1C type switch with 9µm Single Mode fiber with the exception of switch type 1c002
3. High Directivity option is available only for 1C002 & 2X002 type switch with 9µm Single Mode fiber
4. 100µm fiber type is available only for Bulkhead termination



Single-width module



Double-width module

Contact the professionals at Fiber Optic Center for a quote or to get more details.

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Product specifications and data are subject to change without notice. FOC last update 5/6/2026.