

CISCO OPTICS MODULES

# DS-SFP-FC8G-SW

8G FC Shortwave SFP+ · LC MMF · 190m OM4/OM5

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



|               |                                                                                     |
|---------------|-------------------------------------------------------------------------------------|
| Product Model | DS-SFP-FC8G-SW                                                                      |
| Category      | Cisco Optics Modules                                                                |
| Condition     | New, factory-sealed                                                                 |
| Warranty      | 3-year LSCare warranty                                                              |
| Supplier      | Layer23-Switch · <a href="http://www.layer23-switch.com">www.layer23-switch.com</a> |



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Customers Worldwide

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Ready-Stock Inventory

**3-Year**

Warranty



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# DS-SFP-FC8G-SW

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DS-SFP-FC8G-SW is a Cisco MDS 9000 Series shortwave Fibre Channel SFP+ transceiver for 2/4/8-Gbps SAN links on supported MDS ports. It uses a dual LC connector over multimode fiber at 850 nm, supports autosensing Fibre Channel operation at 2G, 4G, and 8G rates, and provides 8G reach up to 21 m on OM1, 50 m on OM2, 150 m on OM3, or 190 m on OM4/OM5, with a 2 m minimum cable distance for MDS optical link planning.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

## Specifications

|                                 |                                                                     |                                       |                                                                                                                               |
|---------------------------------|---------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Product ID                      | DS-SFP-FC8G-SW                                                      | Product type                          | 2/4/8-Gbps Fibre Channel shortwave SFP+ transceiver                                                                           |
| Ordering description            | 2/4/8-Gbps Fibre Channel-Shortwave, SFP+, LC                        | Spare ordering description            | 2/4/8-Gbps Fibre Channel-Shortwave, SFP+, LC, Spare                                                                           |
| Form factor                     | SFP+                                                                | Connector type                        | Dual LC                                                                                                                       |
| Compatible platform family      | Cisco MDS 9000 Series                                               | Fibre Channel connectivity            | 2/4/8-Gbps ports                                                                                                              |
| Fiber type                      | Multimode fiber                                                     | Supported core sizes                  | 62.5 microns OM1 or 50.0 microns OM2/OM3/OM4/OM5                                                                              |
| Wavelength                      | 850 nm                                                              | Baud rates                            | 2.125, 4.250, and 8.500 GBd                                                                                                   |
| 8G distance on OM1              | 21 m                                                                | 8G distance on OM2                    | 50 m                                                                                                                          |
| 8G distance on OM3              | 150 m                                                               | 8G distance on OM4/OM5                | 190 m                                                                                                                         |
| 4G distance on OM1              | 70 m                                                                | 4G distance on OM2                    | 150 m                                                                                                                         |
| 4G distance on OM3              | 380 m                                                               | 4G distance on OM4                    | 400 m                                                                                                                         |
| 2G distance on OM1              | 150 m                                                               | 2G distance on OM2                    | 300 m                                                                                                                         |
| 2G distance on OM3              | 500 m                                                               | 2G distance on OM4                    | 520 m                                                                                                                         |
| Minimum cable distance          | 2 m                                                                 | Module dimensions                     | 8.5 x 13.55 x 56.5 mm                                                                                                         |
| Average transmit power          | -10 to -1.3 dBm at 2G; -9 to -1.3 dBm at 4G; -8.2 to -1.3 dBm at 8G | Average receive power maximum         | 0 dBm                                                                                                                         |
| Fiber-loss budget               | OM1: 2.10 dB at 2G, 1.78 dB at 4G, 1.58 dB at 8G                    | Additional fiber-loss budget          | OM2: 2.62 dB at 2G, 2.06 dB at 4G, 1.68 dB at 8G; OM3: 3.31 dB at 2G, 2.88 dB at 4G, 2.04 dB at 8G                            |
| Operating temperature           | 0 to 70 degrees C                                                   | Storage temperature                   | -40 to 85 degrees C                                                                                                           |
| Laser class                     | Class I 21CFR1040                                                   | MDS 8.x support matrix releases       | 8.1(x), 8.2(x), 8.3(x), 8.4(x), and 8.5(x)                                                                                    |
| MDS 9.x support matrix releases | 9.2(x), 9.3(x), and 9.4(x)                                          | Compatible MDS products in 9.x matrix | DS-X9448-768K9, DS-X9334-K9, DS-X9648-1536K9, MDS 9220i, MDS 9250i, MDS 9148S, MDS 9396S, MDS 9132T, MDS 9148T, and MDS 9396T |

New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

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Address 2810 North Church Street, Suite 89727, Wilmington, DE 19802, USA

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