

## 2-Port XFP 10Gigabit Module

For DES-6500 Chassis Switch

- 2 XFP Slots for 2 XFP MSA Compliant Transceivers
- IEEE 802.3ae Compliance
- Full-Duplex Operation
- Optional Single-Mode/Multi-Mode Fiber XFP Transceivers Available

### FEATURES

- 2 MSA-Compliant XFP Slots
- Slide-In Card Module for DES-6500 Chassis Switch
- Fully Compliant With IEEE 802.3ae 10Gigabit Ethernet Standard
- IEEE 802.3x Flow Control Support for Full-Duplex Operation
- Optional XFP Transceivers Available for Single-Mode & Multi-Mode Fiber

The D-Link DES-6512 2-port 10Gigabit module is designed to take full advantage of the DES-6500 chassis switch's advanced network functions and for linking core switches together on a very high-speed 10Gigabit fiber backbone. This high-performance fiber module provides 2 SMA-compliant XFP slots for installation of 2 XFP fiber transceivers. With XFP fiber connection, this module can deliver network data transfer at up to 20Gigabits per second (full-duplex) for the DES-6500 core chassis switch.

The DES-6512 10Gigabit module is fully compliant with IEEE 802.3ae 10Gigabit Ethernet standard, so compatibility is not a concern. With full-duplex operation and flow control support, data can reach up to 20Gigabit per second and arrives with greater dependability and less packet loss. The DES-6512 is a perfect solution for the bandwidth hungry enterprises and service providers needing greater flexibility, long cabling distances, and the reliability of a state of the art, laser driven, fiber optic channel.



## Technical Specifications

### Standards

- IEEE 802.3ae 10Gigabit Ethernet
- IEEE 802.3x Flow Control

### Protocol

CSMA/CD

### Data Transfer Rate

20,000Mbps full duplex

### Topology

Star

### Number of Slots

2 XFP slots

### Network Cable

- Single-mode fiber
- Multi-mode fiber

### Optional XFP Transceivers

- DEM-421XT: 802.3ae 10GBASE-SR standard, 3.3V/5V power, supporting multi-mode fiber cable up to 300 m distance
- DEM-422XT: 802.3ae 10GBASE-LR standard, 3.3V/5V power, supporting single-mode fiber cable up to 10 km distance

## Physical & Environmental

### Power Input

Through DES-6500 chassis switch power supply

### Power Consumption

28 watts max.

### Dimensions

330mm x 281mm x 27.5mm

### Weight

1.9 kg

### Operating Temperature

0° to 40° C

### Storage Temperature

10° to 55° C

### Humidity

5% to 95% RH, non-condensing

### EMI

- FCC Class A
- CE

### Safety

CSA International

### Box Includes

- DES-6512 2-slot XFP module
- Quick Installation Guide



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