

# Business and Enterprise Solutions

## DES-6512



### FEATURES

#### High-Performance Switching:

- IEEE 802.3ae compliant
- Supports Full-Duplex operation only
- Supports XFP MSA compliant transceivers
- 256MB SDRAM
- Optional XFP transceivers available
- Supports 802.3x flow control
- Supports IEEE Industry Standards

## 2-Port 10Gigabit XFP Module for DES-6500 chassis

The DES-6512 is a 2-port 10Gig XFP card for the DES-6500 chassis. It uses standards-based IEEE 802.3ae 10Gigabit XFP modules to meet the demands of today's Enterprise and Service Provider networking infrastructure. The DES-6512 is the perfect solution for uplinking to servers, storage, or department level switches such as D-Link's xStack DXS-3200 series. Fiber media allows for increased distances over copper cabling. When used with D-Link's DEM-422XT XFP fiber module a total distance of up to 10Km can be reached. This is often necessary when running across larger distances such as campus or multi-building environments. If shorter distances are required, the DEM-421XT module from D-Link provides 10Gigabit Multimode at distances of up to 300 meters.

### LEDs

Power LED:	Off: No DC power Static Amber: One or more power source in this module is down Static Green: Power on
System LED:	Blinking Amber: after push down hot swap button Static Amber: System failed Static Green: System is fully operational and operating normally. Both Hot Swap action and CPU process are done Blinking Green: power on self-test.
XFP ports:	Link/ACT LED Off – No Link Solid Green – Link Blinking Green – Activity

### Specifications

Operating Temperature	0 - 40°C
Storage Temperature	-10 - 55°C
Operating Humidity	5% - 95% non-condensing
Dimensions	13 x 11 x 1in (330 x 281 x 27.5mm)
Weight	4.18lbs (1.9kg)
IEEE	802.3ae, 802.3x
Power Consumption	28 watts max

### Emission (EMI), Safety & Other Certifications

Emissions	FCC Class A, CE mark, CSA International
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### Ordering Information

DES-6512	2 Port 10G XFP Module for DES-6500
DES-6500	Layer 2/3/4 Chassis Switch
<b>Supported XFPs</b>	
DEM-421XT	10GBASE-SR Multi-Mode XFP (up to 300m)
DEM-422XT	10GBASE-LR Single-Mode XFP (up to 10Km)

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