



Standard

- + IEEE 802.3z compliance

High Performance Architecture

- + Supports Full-Duplex operation only

Transceivers Supported

- + SFP compliant

12-Port 1000BASE-X SFP Module

Overview

The DES-6509 is a 12-port SFP Module for the D-Link® DES-6500 chassis. It uses standards-based 802.3z Gigabit SFP transceivers to meet the demands of today's enterprise and service provider networking infrastructure. The DES-6509 is the perfect solution for uplinking to servers, storage, or department level switches such as the D-Link xStack® DXS-3200. Fiber media is a great solution because

it allows for increased distances over copper cabling. When used with the D-Link DEM-310GT SFP fiber transceiver, a total distance of up to 6.2 mi (10km) can be reached, which is often necessary when running across larger distances such as campuses or multi-building environments. If your situation consists of shorter distances, the DEM-311GT transceiver from D-Link provides Gigabit Multimode connection at distances of up to 1800 ft (550 m).

Technical Specifications

Product Specifications

Standard	IEEE 802.3z	
LEDs	+ Power	+ System
	+ Link/Activity	

Physical and Environmental

Dimension (WxDxH)	13 in x 11.06in x 1.08in (330mm x 281mm x 27.5mm)	
Weight	2.51 lbs (1.1 kg)	
Heat Dissipation	68.24BTU/hr	
Power Consumption	20 Watts Max.	
Operating Temperature	0°F to 104°F (0°C to 40°C)	
Storage Temperature	-14°F to 131°F (-10°C to 55°C)	
Operating Humidity	5% ~ 95%, Non-condensing	
Storage Humidity	5% ~ 95%, Non-condensing	
Certifications	+ FCC Class A	+ CE mark
	+ CSA International	
Warranty	Limited Lifetime ¹	

Ordering Information

<i>Part Number</i>	<i>Description</i>
DES-6509	12 SFP Slot Fiber Module For DES-6500 Chassis
DES-6500	Managed Gigabit 8-open Slot L3 Chassis Switch (Includes CPU and Power)
Supported SFPs	
DEM-310GT	1000BASE-LX SFP Module, Up to 10km
DEM-311GT	1000BASE-SX SFP Module, Up to 550m

¹ Limited Lifetime Warranty available only in the USA and Canada.
Latest documentation is available at <http://support.dlink.com>