



DES-6510

## 24-Port 10/100BASE-TX Ethernet Module

### For DES-6500 Chassis Switch

The DES-6510 is a 24-port 10/100BASE-TX Ethernet module for the DES-6500 chassis switch. Designed to take full advantage of the DES-6500 chassis switch's advanced network functions that link core switches together, this module provides a high port density of 24 10/100BASE-TX ports in 2 RJ-21 connectors. System integrators wishing to set up a high port density network can install these modules in the DES-6500 chassis together with the DES-6506 patch panels.

All ports on the module support auto-sensing 10/100Mbps dual speeds, full/half duplex and auto-MDI/MDIX plug and play installation. The DES-6510 10/100BASE-TX module fully complies with IEEE 802.3/802.3u and 802.3x standards. It supports 802.3x Flow Control for greater dependability and minimal packet loss.

#### Key Features

- 24 10/100BASE-TX Ethernet ports in 2 RJ-21 connectors
- Slide-in card module for DES-6500 chassis switch
- Fully complies with IEEE 802.3 10BASE-T, 802.3u 100BASE-TX
- Auto-sensing and auto-negotiation of 10/100Mbps speeds
- IEEE 802.3x compliant Flow Control support for full-duplex
- Back pressure support for half-duplex mode

# DES-6510

## Technical Specifications

## Ethernet Port Module

### Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- ANSI/IEEE 802.3 NWay auto-negotiation
- IEEE 802.3x Flow Control

### Protocol

CSMA/CD

### Topology

Star

### Data Transfer Rates

- Ethernet:
  - 10Mbps (half duplex)
  - 20Mbps (full duplex)
- Fast Ethernet:
  - 100Mbps (half duplex)
  - 200Mbps (full duplex)

### Network Cable

Ethernet Cat. 5 cable (max. 100 m)

### Number of Ports

24 10/100BASE-TX Ethernet ports

### Connectors

2 RJ-21 connectors, each supports 12 Ethernet ports

## Physical & Environmental

### AC Input

90 to 264 VAC, 47/63 Hz

Through DES-6500 chassis switch power supply

### Power Consumption

28 watts max.

### Operating Temperature

0° to 40°C

### Storage Temperature

-25° to 55°C

### Humidity

5% to 95% RH, non-condensing

### Dimensions

330 mm x 281 mm x 27.5 mm

### EMI

- FCC Class A
- CE
- VCCI
- C-Tick

### Box Includes

- DES-6510 24-port 10/100BASE-TX module
- Quick Installation Guide



## Ordering Information

**DES-6510** 24-port 10/100BASE-TX module worldwide package  
**NES-6510** 24-port 10/100BASE-TX module China package

# D-Link®

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