BLACK BOX®
NETWORK SERVICES
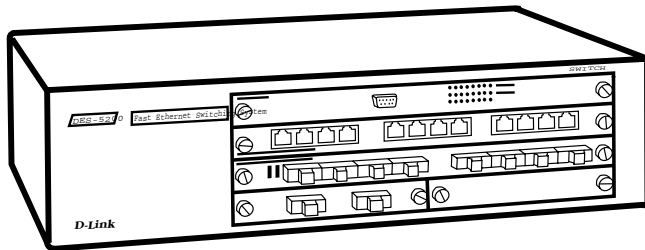
Managed 10/100 FlexSwitch with gigabit option

Easily add Gigabit Ethernet capabilities with these modular switches

Key Features
DES-5216FX

▶ Fast ethernet 16-port
▶ Modular Fibre Switch
▶ SNMP
▶ Security
▶ 2 half-size 32-bit expansion slots
▶ 16 SC 100-BASE-FX, cut through & store-forward

DES-5220TF

▶ Fast ethernet/ethernet 20-port modular switch
▶ SNMP
▶ Security
▶ 2 half-size 32-bit expansion slots
▶ 8 SC 100-Base FX
▶ 12 RJ-45 NWAY cut-through & store

Overview
DES-5216FX
The D-Link DES-5216FX is a 16-port Fast Ethernet 100Mbps fibre optic switch that includes SNMP management and expansion capabilities. It offers Fast Ethernet connections advanced network management and two 32-bit expansion slots for additional fibre optic, ISDN, ATM and Gigabit Ethernet modules. The DES5216FX allows users to add ports, upgrade to higher bandwidth options and connect to remote sites in a cost-effective way.

DES-5220TF
The D-Link DES-5220TF is a Ethernet/Fast Ethernet 10/100MB 20-port switch. It has eight 100BASE-TX fibre optic ports and 12 RJ-45 10/100Mb NWAY ports. In addition, it offers advanced network , management and two 32-bit expansion slots for additional fibre optic, ISDN, ATM and Gigabit Ethernet modules. The DES-5220TF, like the DES5216FX, allows users to add ports, upgrade to higher bandwidth options and connect to remote sites in a cost-effective way.

DES-5224TX
The D-Link DES-5224TX is a high performance 24-port 10/100Mb Ethernet/Fast Ethernet NWay auto-negotiation modular switch with SNMP/RMON web-based management and optional Gigabit up-link connections and ISDN Router. It is designed to provide maximum departmental network performance that is scaleable 10/100/1000Mb connectivity with 5Gbps total bandwidth. The DES-5224TX is targeted at workgroup, departmental computing environments in medium to large businesses.

Auto-Negotiation

The DES-5224TX provides 24 dedicated NWay auto-negotiation connections, Each connection automatically identifies and determines the correct transmission speed and duplex mode of the attached device on each port. This feature eliminates unnecessary traffic and relieves congestion on critical network paths.

Faster Data Handling

The DES-5224TX provides a dynamic buffer allocation that employs network-load balancing for faster data handling. The DES-5224TX allows a choice of either standard store-and-forward or user selectable Cut-through architecture to ensure low latency and high data integrity. In addition to the SNMP support, the DES-5224TX features an embedded RMON agent to support enhanced traffic management and analysis, and a port configurable VLAN support to provide broadcast protection. Web-based management provides the ability to completely manage the switch from any web browser.

Specifications:

Speed - DES-5216FX: 100 Mbps; DES-5220TF: 10/100 Mbps, 100 Mbps; DES-5224TX: 10/100 Mbps

Duplex Support - Half or Full

Connectors - DES-5216FX: (16) SC for 100BASE-FX; DES-5008: (1) SC; DES-5005: (2) SC; DES5005T: (2) RJ-45; DES-5220TF: (12) RJ-45 for 10/100BASE-TX, (8) SC for 100BASE-FX; DES-5224TX: (24) RJ-45 for 10/100BASE-TX

Size - 11H x 44.1W x 22.4D cm

Weight - DES-5216FX: 6.85kg; DES-5220TF: 6.89kg; DES-5224TX: 6.93kg

Ordering Information

Product	Code
D-Link FlexSwitch with	
(16) 100BASE-FX Ports	DES-5216FX
(12) N-Way Dual-Speed + (8) 100BASE-FX Ports	DES-5220TF
(24) N-Way Dual-Speed Ports	DES-5224TX