



DHS-24SP

VDSL POTS splitter with 3 RJ-21 Telco-50 connectors (1 on the front, 2 on the back) supporting 24 VDSL ports.

24-port VDSL POTS Splitter

The DHS-24SP provides signal splitting between VDSL and POTS for 24 VDSL ports. This device can be used with VDSL switches such as the DHS-3212/DHS-3224. On the subscriber phone line, high-frequency VDSL signals and low-frequency voice signal travel on the same line. The DHS-24SP VDSL POTS Splitter splits the signals at the CO (Central Office) side, allowing VDSL signals to travel on the data network (such as an ISP line), and voice/fax to travel on the PSTN (POTS line).

Signal Protection

The DHS-24SP provides protection from high-frequency transients and voice band service. LPF provides protection from VDSL signals, which may impact through non-linear or other effects from remote devices such as telephone handsets, fax machines, voice band and modems.

Frequency Filter

As a CO device, the DHS-24SP provides connection between a VDSL switch and a subscriber bridge remote unit (or "VDSL modem"). 3 RJ-21 (Telco-50) connectors are provided, each supporting 24 ports. One Telco-50 connects to the VDSL switch, one connects to the VDSL line, the other connects to the PSTN line. The DHS-24SP provides filter for all frequencies from 800KHz - 7.9MHz.

Complete FTTH/FTTB Solution

The DHS-24SP is part of D-Link's total solution for Fiber to the Home/Fiber to the Building that takes advantage of the VDSL-over-Ethernet technology. This solution includes:

- **DEV-301** Bridge Remote Unit
- **DEV-304** Bridge Remote Unit with built-in 4-port Fast Ethernet switch
- **DHS-3212/DHS-3224** Multi-port VDSL Switches

Features

- Uses CHAMP 50-pin female connectors
- 24 loops on the chassis
- High isolation between VDSL and ISDN/POTS
- Telco-50 connectors for easy connection to wire patch panel
- Supports operation temperature range -10 - 60 degrees Celsius

DHS-24SP

Technical Specifications

VDSL POTS Splitter

Device Ports

24 VDSL/POTS ports
(3 RJ-21 Telco-50 connectors)

VDSL Standard

ETSI VDSL

Power Input

100 - 240VAC 50/60Hz
Internal universal power supply

Dimensions

441 mm (W) x 388 mm (D) x 44 mm (H)
19-inch standard rack-mount width, 1U height

Weight

2.1 kg

Operating Temperature

-10° - 60°C

Storage Temperature

-10° - 60°C

Humidity

10% - 95% non-condensing



Ordering Information

VDSL POTS Splitter

DHS-24SP 24 VDSL/POTS ports (3 Telco 50 connectors)

D-Link®

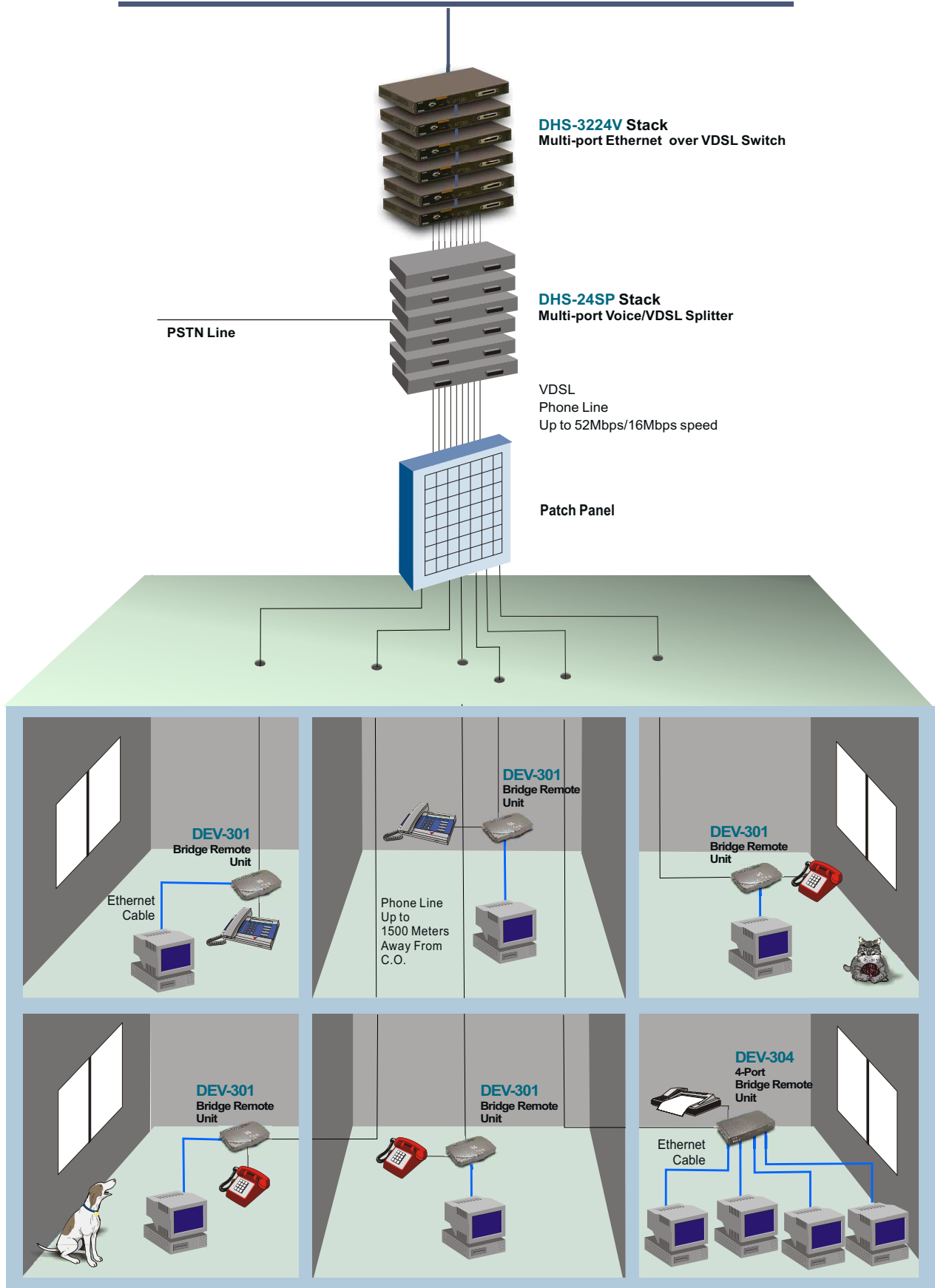
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Gigabit Ethernet Fiber Line (Public Optical Network)



VDSL Switch Deployment in Multi-Unit, Multi-Tenant Building.