

Industrial VDSL2 Bridge

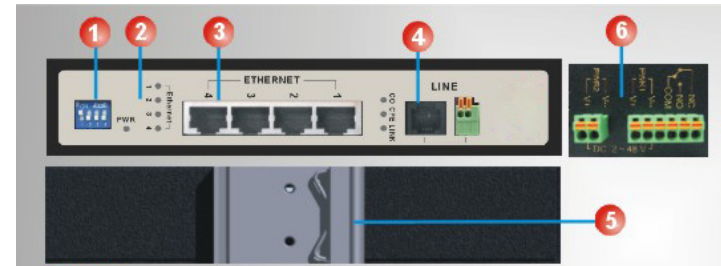
**VDSL2 single port bridge
equipped with four
10/100Mbps Ethernet ports.**



FEATURES

- » VDSL2 Modem.
- » 4-Port 10/100 Switch.
- » Technology from well known Black Box VDSL2 devices integrated.
- » Easiest Configuration.
- » High Bandwidth.
- » Direct DC Input Dual 12-48V DC.
- » Alarm Relay Contact.
- » Operating Temperature -20 up to +70 Celsius.
- » DIN Rail Mountable.

Detailed View



- | | |
|---|---|
| <p>1) DIP Switch: CO/CPE Selection
SNR Value
Frequencies
Interleave</p> | <p>2) LEDs
3) 4 x 10 / 100 Switch
4) 2 wire line
5) DIN Rail Mount
6) Power and Alarm</p> |
|---|---|

OVERVIEW

MEG250AE is a VDSL2 bridge equipped with four 10/100Mbps Ethernet ports that provide an economical solution for your industrial applications.

Compliant with ITU-T G.993.2 VDSL2 standard, it supports a maximum bandwidth of up to 100Mbps symmetric in VDSL2 Profile (30a) solution. MEG250AE also supports both central office (CO) and customer-premises equipment (CPE) modes selectable through DIP Switch.

The DIN-Rail and Industrial-grade design offers quick, easy, economical and high-performance broadband/multimedia services to industrial environments such as Factory, MRT, Train station, Ticket vending machine, Parking system, Monitoring system and point to point applications.

It is compatible with the MEG821AE VDSL concentrator, supports a wide range DC power (12 to 48V) and works in harsh environments with temperatures from -20 up to +70 degrees celsius.

Distance / Bandwidth

100Mbps symmetric	max. 300 meter
ca. 80 / 20Mbps asymmetric	max. 500 meter
ca. 40 / 10Mbps asymmetric	max. 700 meter
ca. 20 / 5Mbps asymmetric	max. 900 meter

(with a certain configuration at lower speeds up to 1900 meter)

TECH SPECS

Standards — IEEE 802.3, 802.3u, G993.2, CE, FCC Class A, RoHS

Ports —

(4) RJ45 10/100

(1) VDSL 2 wire line as RJ11 and Terminal Block

Transmission — VDSL Bandplan 30a, Compatible with ME821AE

LEDs — Power, 10/100 Ports, VDSL2 Link and CO/CPE Mode

Power — (2) 12 - 48V DC, 6 Watt Maximum

Environment — -20 to +70 Celsius Temperature, 5% to 95% Humidity

Chassis —

IP30, Metal Case, 170mm (W) x 121mm (D) x 35mm (H),

DIN Rail Mountable

Notes:

- ◆ MEG250AE is sold as a single unit, for a working route you need at least two.
- ◆ MEG250AE does not include a power supply.

Item

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You may also need...

DIN Rail 12V DC Power Supply

8-Port VDSL2 Switch

Code

MEG250AE

PSD100-R2

MEG821AE