VDP2-2TGX

ETHERNET EXTENSION OVER VDSL

BROADBAND

160/160 Mbps

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**LONG
DISTANCE**

3 km max

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**LOW
CONSUMPTION**

5 W

Introduction

The VDP2-2TGX is an end to end solution using the G.993.2 VDSL2 standard technology and providing up to 160Mbps symmetric using only a single copper wire pair. Designed specifically or a LAN to LAN extension and supporting both symmetrical transmission at up to 160/160Mbps within 300 meters, this is a perfect solution to extend LAN to buildings, hotels, hospitals or any location outside of the 100 meters reach of Ethernet UTP.

Features

- Cost effective bridge function to connect two 10/100/1000 Base-T

- 100/100Mbps up to 300m (980ft) & 5/1 Mbps up to 3km (9842ft)

- Fully compatible with VDP2-2TTX / VDP2-I-4TTX

- Selectable CO and CPE mode via DIP switch

- Selectable 8 bands mode

- Selectable SNTM Level

- Selectable G.INP

- Compact size and DIN rail support

- Support Wall-mounted & DIN rail installing

Application

2 * Ethernet ports
10/100/1000 Base-T

VDSL
3 km max

2 * Ethernet ports
10/100/1000 Base-T

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Specifications

Lan Interface	Complies with IEEE 802.3 10 Base-T, 802.3u 100 Base-T and 802.3ab 1000 Base-T Connector: 2 * RJ45 10/100/1000Mbps MTU: 2000 Bytes
VDSL 2 Interface	Complies with ITU-T G993.2 Connector: RJ11/Terminal block DMT Encoding / PTM Transmission On-board surge protector
4-position DIP Switch	Selectable CO / CPE mode Selectable Band plan Selectable target SNR Margin Selectable INP / interleave mode
Indicators	LAN: Act/Link, Power VDSL2: Act/Link, Line Mode: CO/CPE
Power	DC 12V/1A switching adapter
Power consumption	5W
Dimensions	95 * 110 * 27 mm (3.74'' * 4.33'' * 1.06'')
Weight	0.34 Kg
Temperature	0°~ 50° C (Operating), -20°~70°C (Storage)
Humidity	10—90% non-condensing
Certification	CE, FCC, RoHS Compliant

Ordering Information

Référence	Description
VDP2-2TGX	VDSL2 PTM modem 2 wire, 100/100Mbps at 300m , 5/1 at 3km, selection as CO/CPE or master/slave per DIP switch, 2 x 10/100/1000BT ports, VLAN transparent. Supply with AC/DC 12v 1A adapter.

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