



ALLNET ALL126AS2

VDSL2 slave modem for dedicated lines over 2-wire connections to a length of 2500 meters and a bandwidth of 100 Mbit/s (depending on length)

- Compliant with IEEE 802.3 & 802.3u Ethernet Standard and with G993.2 VDSL2 standard
- Provides 4 x 10/100M auto-negotiation RJ-45 Ethernet port
- Supports Bandwidth up to 100Mbps over RJ-11 ports
- POTS / ISDN Splitter on board
- Supports Web management (HTTP), TFTP, Console (RS232)

The **ALLNET ALL126AS2** is a VDSL2 Router that leverages the extraordinary bandwidth promise of VDSL2 (max. 100Mbps Symmetric) technology, the next step in the delivery of new high-speed Internet applications to end-users in their homes or offices.

Quick, easy and economical to install and maintain, the ALL126AM2 works with the **ALL126AS2** over existing copper wire infrastructure.

ALL126AM2 is a CO (Central Office) device while **ALL126AS2** is a CPE (Customer Premise Equipment) device.

Art.-Nr. 63906

Note: Product specification is subject to change without notice



The **ALLNET ALL126AS2** will allow operators worldwide to compete with cable and satellite operators by offering services such as HDTV, VOD, videoconferencing, high speed Internet access and advanced voice services including VoIP, over a standard copper telephone cable.

ALLNET ALL126AS2 is seen by many operators as an ideal accompaniment to a FTTP rollout, where for instance fiber is supplied direct to an apartment block and from there copper cable is used to supply residents with high-speed VDSL2.

Item	Specification
Chipsets:	Lantiq MIPS ADM5120P Lantiq VINAX
Standards:	IEEE802.3/802.3u standards ITU-T G993.2 VDSL2 standard
Interfaces:	4x RJ-45 10/100Mbps Auto-Negotiation RJ-45 Ethernet port 1x RJ-11 connector for VDSL2 1x RJ-11 connector for POTS/ISDN device
Band Profile:	8a, 8b, 8c, 8d, 12a, 12b, 17a, 17b, 30a
Band Plans:	997, 998
Max. Bandwidth:	Symmetric 100 Mbps/300m
LED indication:	Power LED 4x Link/Active Status for Ethernet Port Link LED for VDSL2 Port
Switching method:	Store and forward
Management und Features:	<ul style="list-style-type: none"> - Supports auto speed for VDSL2 port - Supports Web management (HTTP), TFTP, Console (RS232) - Supports Downstream Power Back-Off (DPBO) - Supports Loop back test - Supports SNR indicator for check phone wiring quality - Supports Interleave delay for Data Error & Noise Against - POTS/ISDN Splitter on board - Provides surge protection for VDSL2 port
Console Port:	RS-232C/115200bps
Flow control:	Full duplex: IEEE 802.3x Half duplex: Back pressure
Power consumption:	6.12W
Environment:	Temperature operating: 0°C ~ 50°C (32°F ~ 122°F) Temperature storage: -20°C ~ 70°C (-4°F ~ 155°F) Humidity: 10 to 90% (non-condensing)
Dimensions:	Width/Height/Depht: 183 x 36 x 145 mm Weight: 0,385kg (without power supply)
Mark:	CE
Package contents:	<ul style="list-style-type: none"> - ALL126AS2 VDSL Slave Modem - 1 power plug 12V/1A - 1 CD with manual (english) - 1 Patch cable LAN - 1 Patch cable phone (Western-plug)