



DESCRIPTION

PLANET VC-234 is an Ethernet-over-VDSL2 Bridge with high performances. It is designed based on a two-core networking technology, Ethernet and VDSL2 (Very-high-data-rate Digital Subscriber Line 2). The VDSL2 technology offers an outstanding data transmission speed over existing copper telephone lines, without the need of rewiring, up to 100/100Mbps symmetric data rate within 300m and 20/4Mbps for 1.4km long range connections.

- Cost-Effective VDSL2 Profile 17a/30a CO / CPE bridge solution
- One box design, CO / CPE selectable via DIP Switch
- Defines symmetric band plan for the transmission of upstream and downstream signals
- Complies with IEEE 802.3, 10Base-T, IEEE 802.3u, 100Base-TX and IEEE 802.3x, Flow control Ethernet standards
- DMT (Discrete Multi-Tone) line coding
- Half duplex Back pressure and IEEE 802.3x Full Duplex Pause frame flow control
- Built-in POTS splitter to share voice and data
- Two RJ-11 connectors for each VDSL port, one for VDSL connection and one for POST connection
- Voice and data communication can be shared simultaneously based on the existing telephone wire
- Four 10/100Mbps RJ-45 port, Auto-Negotiation and Auto-MDI/MDI-X
- Supports up to 1536 bytes packet size, IEEE 802.1Q VLAN tag transparent
- Hardware IGMP Snooping for Multimedia service
- VDSL2 stand-alone transceiver for simple bridge modem application
- Advantage of minimum installation time (Simply as Plug-and-Play)
- Selectable target profile and target SNR margin
- Supports extensive LED indicators for network diagnosis

TECHNICAL CHARACTERISTICS

Brand : PLANET
Part number : VC-234
Réseau :
Auto MDI/MDI-X : Y
Depth : 86 mm

Ethernet LAN : Y
Ethernet LAN (RJ-45) ports : 4
Form factor : 1U
Harmonized System (HS) code : 85176990
Height : 26 mm
LED indicators : Y
Networking standards : IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Operating relative humidity (H-H) : 10 - 90%
Operating temperature (T-T) : 0 - 50 °C
Power consumption (typical) : 7.2 W
Power LED : Y
Power over Ethernet (PoE) : N
Power source type : DC
Product colour : Blue
Product type : Network bridge
Quality of Service (QoS) support : Y
Rack mounting : Y
RJ-11 ports quantity : 2
Storage relative humidity (H-H) : 10 - 90%
Storage temperature (T-T) : -10 - 70 °C
Weight : 368 g
Width : 155 mm