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כומפניקס תקשורת ואלקטרוניקה בע"מ

רח' צבי ברגמן 8, סגולה, פתח-תקווה

טל: 03-9049004 פקס: 03-9344497

ח.פ. 512109968

מספר ספק משרד הביטחון: 83524121

MODEL NUMBER: 18007

Ethernet over VDSL2 Converter

The converter supports the signal conversion between traditional Ethernet and innovative VDSL technology. The device is a right solution to integrate current Ethernet application with the new building phone line networking technology, like hotel, office and apartment environment.



The EoVDSL2 port supports symmetry and asymmetry data transmission bandwidth up to 60Mbps and with 100/60Mbps data rate, the converter supports transmission distance up to 300 meters and 30/10 Mbps for 1km long range connection. Users may also select a fixed data rate or a fixed SNR margin for different copper line ranging.

It is ideal for providing video-on-demand and multi-media service to apartment, hotel and campus without rewiring cable consideration. Moreover, the distance expansion also provides wide range coverage.

The converter is plug-n-play without the need to configure software, and it is fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LEDs on the front-panel provide the operating status of the system.

Feature

Compliance with ITU-T G.993.1, G.993.2 VDSL/VDSL2 and SG15Q4 DMT

EoVDSL2 port supports maximum throughput 100/60Mbps Down / Up Stream for distance up to 300 meters

Trellis Coding support up to 1024 Discrete Multi-Tone (DMT) bin

Supports DSL connection up to 2000 meters

Selectable Fast and Interleaved modes

Selectable fixed data rate and fixed SNR margin

Provides one 4 Dip switch for mode selection (Master/Slave)

Low-Latency for Video/Voice/Data applications

Ordering information

RP-VC102E Ethernet over VDSL2 Converter



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Specification

Standard	IEEE802.3 standard IEEE802.3u standard Ethernet over VDSL2 VDSL2 ITU-T G.993.2
Interface	2 * RJ-45 10/100Mbps Ethernet ports 1 * RJ-11 connector for EoVDSL2 1 * RJ-11 connector for POTS telephone connection 1 * DIP switch for mode selection
Network Media	RJ-45 (Ethernet): Category 3, 4, 5 UTP/STP RJ-11 (EoVDSL2): Twisted-Pair phone wire
VDSL Transmission	ITU-T G.993.1/2, SG15Q4 DMT Compliance Trellis Code with 1024 DMT bins Max Data Rate: 100/60 Mbps
POTS	Optional Annex A, B, or C
LED indicators	Power*1, DSL*1, LAN*2, M/S(Master/Slave Selection)*1
Power Supply	External Power Adapter DC5V/2A
Environment	Operating Temperature: 0°C~ 40°C Operating Humidity: 10%~90% (Non-Condensing)
Dimension	120 * 90 * 28 mm
Certifications	CE, FCC

Application

