



## VIADUX™ 2000 Subscriber Bridge



KEY FEATURES  
KEY BENEFITS  
SPECIFICATIONS

### VIADUX 2000 SUBSCRIBER BRIDGE

**Viadux 2000 Subscriber Bridge – High-speed, cost effective Customer Premise Equipment (CPE) is designed for plug-and-play operation with the Viadux 8000 Broadband Gateway.**



Viadux 2000 Subscriber Bridge is a compact, cost-effective and low maintenance CPE device designed to support:

- Full Media Access Control (MAC) bridging functions supporting Point-to-Point over Ethernet (PPPoE) & IP
- Seamless integration with Viadux 8000 Broadband Gateway
- Fast installation and low maintenance
- Plug-and-play connectivity
- Remote management of all Viadux 2000 subscriber bridges via Viadux 8000 Broadband Gateway

### VIADUX 2000 SPECIFICATIONS

#### Traffic Forwarding

- Routing (integrated with the Viadux 8000): IP, NAT & DHCP
- Bridging: MAC, PPPoE & IP

#### LAN Interface

- 10/100 Ethernet
- IEEE 802.3 compliant
- RJ-45 connector

#### WAN Interface

- Standard: SDSL per ETR-152 & POTS
- RJ-11 connector
- Up to 7,000 ft / 2130 m over POTS with Viadux AnyPair® solution; and 17,000 ft / 5181 m without Viadux AnyPair solution
- Protocol: Frame Relay

#### Telephone Interface (optional)

- Standard: Analog POTS
- Connector: RJ-11

#### Auto-Configuration

- Plug-and-play to Viadux 8000
- Automatic configuration downloads and code updates

#### Quality of Service

- Supports multiple PVCs to segregate traffic (i.e. voice & data)
- Configurable minimum, maximum, and burst data rates per PVC

#### Diagnostics

- LED status indicators for WAN & LAN
- Remote monitoring

#### Power

- 12 VDC / 500 mA

#### Physical Dimensions

- Height: 1.75 in / 4.4 cm
- Length: 5.5 in / 14.0 cm

- Width: 5.25 in / 13.3 cm
- Weight: 2.5 lbs. / 0.91 kg shipping weight

#### Environment

- Temperature: 32° – 104° F / 0° – 40° C
- Humidity: 0 to 90% (non-condensing)

#### Safety

- UL & cUL per UL 1950, 3<sup>rd</sup> Edition
- CSA C22.2 No. 950-05
- IEC 60950 2<sup>nd</sup> Edition, 1991 + A1-A4
- CB certificate

#### EMI

- Federal Commission, Part 15, Class B Communications Industry Canada, ICES-003, Class B
- EN 55022, Class A

#### Immunity

- EN 55024

#### Viadux 2000 Models

- RC2000: with built-in Viadux AnyPair solution enabling services over existing, in-use phone lines
- RC2010: without built-in Viadux AnyPair solution

**Products manufactured by Viadux and distributed by Motorola.**  
**To purchase, please contact:**



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