

VDSL2 VTU-R Module

SSMTT-41V

Data Sheet



The VTU-R Module is part of a family of plug-in modules for the SunSet MTT and xDSL test sets

The SSMTT-41V VDSL VTU-R Module, part of the SunSet® Modular Test Toolkit (MTT) family of products, is a rugged, battery-operated handheld test solution for the installation and verification of VDSL networks. A complete set of testing capabilities makes the SSMTT-41V ideal for the field technician who needs VDSL installation and service verification, and connectivity verification in a single, lightweight handheld unit. The wide range of test functionalities of the SSMTT-41V Module provide all of the tools needed for bringing up and servicing VDSL lines.

FEATURES

- Link turn-up with the far end DSLAM
- Detailed Modem Status
- Link Measurements
- Ping & Echo Ping Features

BENEFITS

- Lightweight
- Flexible modular design
- Leverages existing MTT platform
- Cost-effective and future-proof

PRODUCT DESCRIPTION

Module Size (WxLxH): 5.0 x 3.5 x 0.9 in (12.6 x 9 x 2.2 cm)
 Operating Temperature: 32° to 122°F (0° to 50°C)
 Storage Temperature: -4° to 158°F (-20° to 70°C)
 Humidity: 5% to 85% noncondensing

SPECIFICATIONS

Chipset

Conexant Accelity Packet EoVDSL CPE

Supported Technologies

VDSL (ITU-T G.993.1, ANSI T1.424)

Connectors

VDSL Line Interface: RJ-11 @ 100Ω

VTU-R Features

Modem Status Measurements

Fast Path Rate
 Interleaved Path Rate
 Maximum Attainable Rate
 SNR Noise Margin
 Capacity
 Attenuation
 Output Power
 Delay

Link Measurements

Counters for CRC, FEC, and HEC events
 Counters for LOS, SEF, NCD, OCD, BER
 Errored Seconds, Severely Errored Seconds, Unavailable Seconds
 Number of Link Drops

Bits/SNR per Tone: Full graphical and tabular display

Band Plan Selection: Plan 998, Plan 997

Programmable via downloaded files for Pass/Fail parameters

Pass/Fail assessment/indication

Safe Mode: Compatible with Alcatel LightSpeed DSLAM

IP Features

Ping Test

Statistics on PING messages

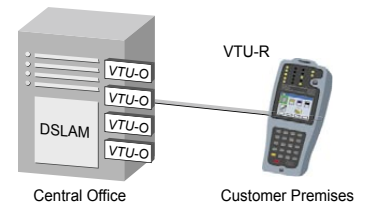
Number of sent/received/missing/unreached messages

Current/average/max/min round trip delay

Test Result: Pass/Fail assessment

Echo Response

Automatic PING Echo response and record



ORDERING INFORMATION

SSMTT-41V VDSL2 VTU-R Module. Includes PING Testing.

Recommended Cable

SA297 Cable, RJ-11 6-pin to Blk/Red Bed-of-Nails Clip, 6'