

# VDSL 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 Tool-kit (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 in a single, lightweight 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

Rate  
 Maximum Rate  
 SNR Margin  
 Capacity  
 Attenuation  
 Transmit Power  
 Delay

### Link Measurements

Counters for CRC, FEC, HEC events  
 Counters for LOS, SEF, NCD, OCD  
 Errored Seconds, Severely Errored Seconds, Unavailable Seconds  
 Retrans

Bits/SNR per Tone: Full graphical and tabular display

Band Plan Selection: Plan 998, Plan 997

## Basic IP Features

### Ping Test

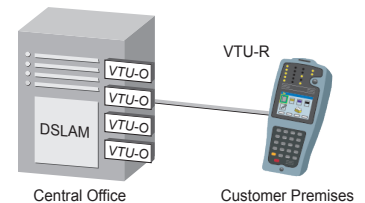
PASS/FAIL results

PING Statistics

Number of sent/received/missing/unreached messages  
 Current/average/max/min round-trip delay

### Echo Response

Automatic PING Echo response and record



## ORDERING INFORMATION

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

### Recommended Cable

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