

VDSL2 VTU-R Module

MTT-41V

Data Sheet

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



The MTT-41V VDSL VTU-R Module, part of the Modular Test Toolkit (MTT) family of products, is a rugged, battery-operated handheld test solution for the installation and verification of VDSL2 networks. A complete set of testing capabilities makes the MTT-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 MTT-41V Module provide all of the tools needed for bringing up and servicing VDSL2 lines.

KEY FEATURES

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

BENEFITS

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

PRODUCT DESCRIPTION

Module Size (W x L x H): 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)

VDSL2 (ITU-T G.993.2, profiles 8d and 12a)

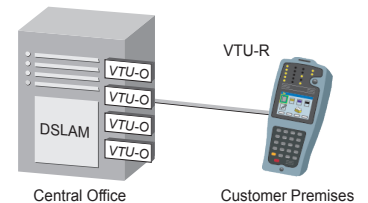
Connectors

VDSL/VDSL2 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.

SWMTT-41-VDSL2

VDSL2 software option

Recommended Cable

SA297

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



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