

VDSL2 VTU-R Module

SSMTT-43

Data Sheet



The VDSL2 VTU-R Module is part of a family of Plug-In Modules for the SunSet MTT and SunSet xDSL test sets

The SSMTT-43 VDSL2 Module, part of the SunSet Modular Test Toolkit (MTT) family of products, addresses the latest VDSL2 transmission technology geared for Triple Play deployment delivered over hybrid fiber/copper FTTN and MDU architectures. The VDSL2 VTU-R test module is part of the industry leading MTT platform and features a simple one-button test for efficient service verification.

KEY FEATURES

- Automatic one button link turn-up with far end VDSL2 DSLAM
- Detailed Modem Status Metrics
- IP PING and Trace Route
- Pass Through Mode

BENEFITS

- Handheld, flexible modular design
- Supported on the following MTT Chassis: SSMTT-C and SSMTT-ACM Series

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

Ikanos Fx10050S-5

Supported Technologies

ITU-T G.993.2 VDSL2

Profiles: 8x/12x/17a

Connectors

VDSL2 Line Interface: RJ-45 @ 100

Ethernet Interface for Data: RJ-45 10/100 Base-T

VTU-R Features

Modem Status Measurements

Rate
Maximum Rate
SNR Margin
Capacity
Attenuation
Transmit Power
Interleaver Delay
Line and Payload
Estimated Loop Length

Link Measurements

Counters for CRC, FEC, HEC, LCD, NCD, SEF events
Errored Seconds, Severely Errored Seconds, Unavailable Seconds
Block Error Rate
Loss of Signal Seconds
Retrans

Bits per Tone: Full graphical and tabular display

SNR per Tone: Full graphical and tabular display

Basic IP Features

PING Statistics
Trace Route

Pass Through Mode

ORDERING INFORMATION

SSMTT-43 VDSL2 VTU-R Module
Includes Basic IP features and Pass Through Mode

Recommended Cables

SS161 Cable, RJ-45 (m) to 3 Probe Clips, 2m

SS167 Cable, RJ-45 (m) to RJ-45 (m), 2 m with Ferrite Filter