

DSL & Broadband Solutions

DSL Tester VIT-V2

Fast and cost-effective error analysis for VDSL

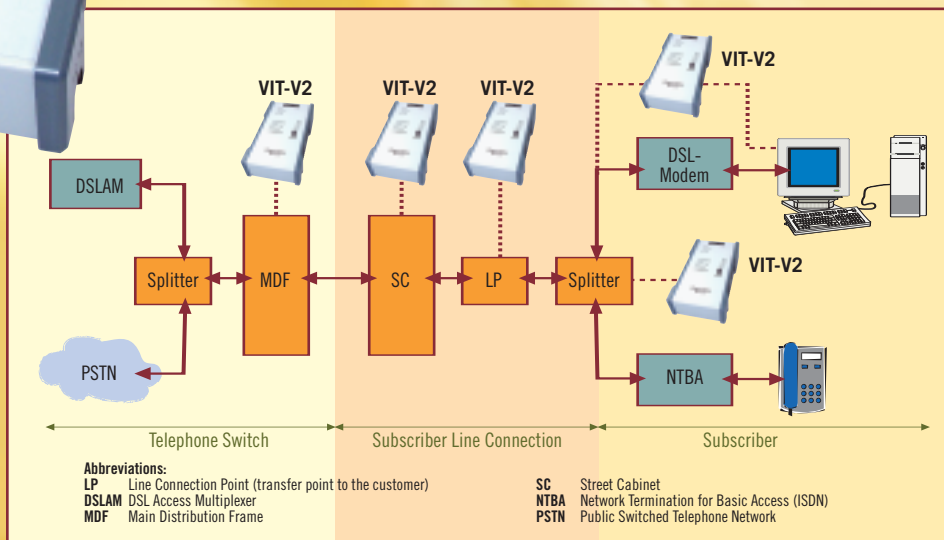


- Faulty cabling or lines?
- Defects in splitters and modems?
- Incompatible modems?
- Improperly configured DSLAM ports?

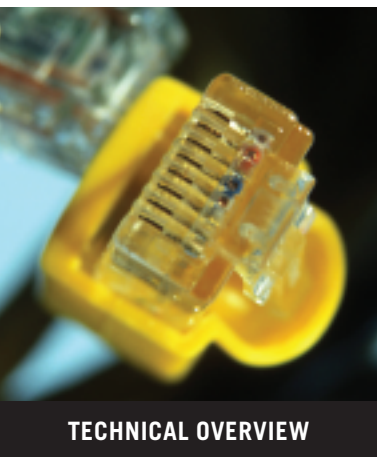
Service technicians can use the **VIT-V2 VDSL2 tester** to detect errors and configuration problems on VDSL lines. A laptop can be connected to read out connection parameters. Using additional spectrum analysis software*, the problems underlying faulty VDSL lines can be studied in even greater detail.

Easy to use

The VIT-V2 is designed as a cost-effective and easy-to-use hand-held tester. A service technician can connect the tester in place of the customer's modem to see whether a VDSL connection is being set up properly. The technician can also connect the tester at line access points, splitters, street cabinets and main distribution frames to detect faulty home cabling, defective splitters or modems, and improperly configured DSLAM ports. Troubleshooting is quick and reliable based on a step-by-step approach. The VIT-V2 is compatible with ADSL and ADSL2+.



*available starting 12/2007



TECHNICAL OVERVIEW

Cost-effective & handy - A Must-have for your service toolkit

VIT-V2 Watch software

The basic package shipped with the VIT-V2 includes the VIT-V2 Watch software. Once the VIT-V2 is connected to a laptop via the Ethernet port, the service technician can use the VIT-V2 Watch software to read out connection parameters and display them graphically. Relevant parameters include the line attenuation (loss), noise margin, number of synchronization attempts, data rates in the upstream and downstream and the bit allocation.

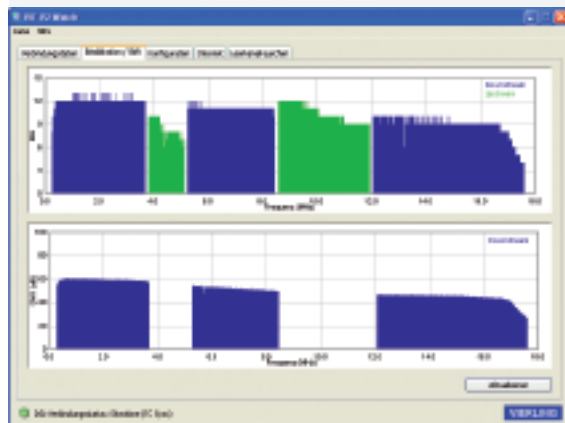


Diagram bit allocation

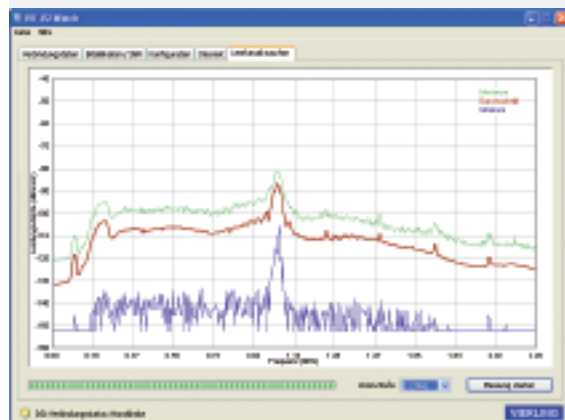


Diagram idle channel noise

VIT spectrum analysis software

Spectrum analysis software will also be available for the VIT-V2 tester*. Once the service technician connects the VIT-V2 directly to a copper pair via the protected measurement point (PMP) adapter supplied with the software, the technician can use the spectrum analysis software to read out the spectral power density on a laptop. The spectrum analysis extends beyond the xDSL range. Colored spectrum graphs help to reveal interference in terms of the frequency and power density. This approach is useful for quickly recognizing deficiencies and taking suitable action. When equipped with the spectrum analysis software, the VIT-V2 can reveal common crosstalk from 2 Mbit/s lines at a glance, for example. This is a particularly frequent source of disruptions on DSL lines.

Specifications

- Dimensions: 100 x 48 x 200 mm
- Weight: approx. 650 g (with rechargeable batteries)
- Currently supports band plans 17A, 12B and 8B
- Max. download rate: 100 Mbit/s (valid for band plan 17A)
- Max. upload rate: 40 Mbit/s (valid for band plan 17A)

Accessories

- 230 V power supply
- 12 V car charger unit
- Rechargeable battery pack / integrated charging connection
- Measurement cords (RJ11, RJ45)
- Analysis software (VIT-V2 Watch)
- Transport pouch
- Documentation

*available 12/2007

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