



VDSL2 Tester

(ADSL/VDSL/OPM/ VFL/TDR Function/Tone Tracker, all-in-one unit)

SP-VDSL600



Shenzhen SPEEDWOLF Technology Co., Ltd.

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Overview

SP-VDSL600 VDSL tester specially designed for slid line test (xDSL include: ADSL, ADSL2, ADSL2+, READSL, VDSL2 etc) and maintenance It provides xDSL test, PPPoE dial test, DMM test, Modem emulation, line voltage indication and so on.

SP-VDSL600 VDSL Tester also introduces the Optical Power Meter and Visual Fault Locator function into the unit, as well as the TDR function;

It is one mufti-function tester with smart size, true color LCD and powerful management software as well as the 6600mah rechargeable battery etc

Product Features

- DSL Physical layer test
- Modem Emulation (Replace the user Modem completely)
- PPPoE Dialing (RFC1683,RFC2684,RFC2516)
- PPPoA Dialing (RFC2364)
- Telephone Function
- DMM Test
- Ping Function (WAN & LAN)
- Data upload to computer and software management
- Setup system parameter: backlight time, shut off automatically time without operation, press tone,
- Revise PPPoE / PPPoA dial attribute, user name and password; restore factory value and so on.
- Check dangerous voltage
- Optical Power Meter (Optional)
- Visual Fault Locator (Optional)
- Tone Tracker (Optional)
- TDR Cable Fault Locator (Optional)

Key Features

- Test objects: ADSL; ADSL2; ADSL2+; READSL; VDSL2
- Fast Copper tests with DMM (ACV, DCV, Loop and Insulation Resistance, Capacitance, Distance)
- Supports Modem emulation and simulating login to Internet
- Supports ISP login (user name / password) and IP Ping test (WAN PING Test, LAN PING Test)
- Supports all multi-protocol, PPPoE / PPPoA (LLC or VC-MUX)
- Connects to CO via alligator clip or RJ11
- Rechargeable Li-ion Battery
- Beep and LEDs alarm indications (Lower Power, PPP, LAN, xDSL)
- Data memory function
- LCD display, Menu operation
- Auto shut off if no any operation on keyboard
- Compliant with all known DSLAMs
- Software management
- Simple, portable and money-saving

Technical Parameters

ADSL2+

Standards	ITU G.992.1(G.dmt), ITU G.992.2(G.lite), ITU G.994.1(G.hs), ANSI T1.413 issue #2, ITU G.992.5(ADSL2+) Annex L
Up channel rate	0~1.2Mbps
Down channel rate	0~24Mbps
Up/Down attenuation	0~63.5dB
Up/Down noise margin	0~32dB
Output power	Available
Error test	CRC, FEC, HEC, NCD, LOS

Display DSL connect mode	Available
Display channel bit map	Available
ADSL	
Standards	ITU G.992.1 (G.dmt), ITU G.992.2(G.lite) ITU G.994.1(G.hs), ANSI T1.413 Issue # 2
Up channel rate	0~1Mbps
Down channel rate	0~8Mbps
Up/Down attenuation	0~63.5dB
Up/Down noise margin	0~32dB
Output power	Available
Error test	CRC, FEC, HEC, NCD, LOS
Display DSL connect mode	Available
Display channel bit map	Available
VDSL2	
Be compatible with ADSL2+, ADSL standard.	
DSL line attenuation	
DSL line noise margin	
DSL line up/down channel speed (Inter/Fast mode)	
DSL line up/down maximum rate	
DMT sub channel bit number: 0~15, and each sub channel frequency points	
DSL line error number (CRC, HEC, FEC, LCD, OCD)	
DSL line local output power	
DSLAM information	
Error Code Second	
Impulse Noise Protection (INP)	
DMM Test	

DC voltage (V):	0~400
AC voltage (V):	0~400
Loop resistance(Ω):	0~20000
Capacitance (nF):	0~1000
Insulation resistance (M Ω):	0~50
Optical Power Meter (Optional)	
Measurement range:	-70~+10dBm
Wavelength	850nm、1300nm、1310nm、1490nm、1550nm、1625nm
Visual Fault Locator (Optional)	
Output Power	1mw
Wavelength	650nm \pm 20nm
Tone Tracker (Optional)	
With supplied accessories, it can do cable tracing and find the trend of the lines	
TDR Function (Optional)-Auto Test the cable fault distance (Cable Break/ Cable Mix)	
Test Range	<2.5km
Dead Zone	<1m
Resolution Rate	1m
General Specification	
LCD	800x480 TFT
Power supply	Internal Rechargeable 6600mAH Li-ion battery
Battery Duration	4 to 5 hours
Working temperature	0-40 oC

Working moisture	5%-90%
Dimensions	170mm×70mm×52mm
Weight:	<0.6kg
Support 7 VDSL2 profiles: profile 8a, 8b, 8c, 8d, 12a, 12b, 17a	

Detail





SP-VDSL600 VDSL

1.SP-VDSL600 V1.029-Basic version

2.SP-VDSL600 V1.029T
(Basic version+ TDR Function)



3. SP-VDSL600 V1.029T.
(Basic version+ TDR Function)

4. SP-VDSL600 V1.029TOVC—Full function
(Basic version+ TDR and OPM/VFL+ Cable Tracker Function)



Order Information

Model	Kit Include
SP-VDSL600	<ul style="list-style-type: none"> ➤ VDSL2 Tester ➤ Carry Case ➤ Battery Charger ➤ Test Card ➤ Direct Network cable ➤ CD(Management software) ➤ USB Cable ➤ Factory Test Report ➤ Charge Cable



VDSL2 Tester



Carry Case



Battery charger



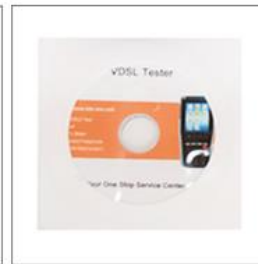
Test cord



Direct Network cable



USB Cable



CD (Management Software)



Factory Test Report



Charge Cable

Important Notice

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