

# ST332B G.FAST Tester

## Support 35B



# Key Features

- Test objects: ADSL; ADSL2; ADSL2+; READSL; VDSL2 up to 35b, G.Fast
- Support Annex A or Annex B, Annex L, Annex M
- Fast Copper tests with DMM (ACV, DCV, Loop and Insulation Resistance, Capacitance, Distance)
- Supports Modem emulation and simulating login to Internet
- Supports ISP login (username / 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-saved

# Functions

- 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
- Four grades service judge(Excellent, Good, OK, Poor)

## Specifications

<b>ADSL2+</b>	
<b>Standards</b>	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, OCD, LCD
Display DSL connect mode	Available
Display channel bit map	Available
<b>ADSL</b>	

<b>Standards</b>	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, OCD, LCD
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)

Support 7 VDSL2 profiles: profile 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a,35b

## G.FAST

Be compatible withVDSL2, 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)

Support 9 VDSL2 profiles: profile 8a, 8b, 8c, 8d, 12a, 12b, 17a,30a,35b

## DMM Test

DC voltage (V):	0~400
AC voltage (V):	0~400
Loop resistance( $\Omega$ ):	0~20000
Capacitance (nF):	0~1000
Insulation resistance (M $\Omega$ ):	0~50

## General Specification

Power supply	Internal Rechargeable 2000mAH Li-ion battery
Battery Duration	4 to 5 hours
Working temperature	0-40 °C
Working moisture	5%-90%
Dimensions	180mm×93mm×48mm
Weight:	<0.5kg

## Interface

```

Max Rate0:90260 kbp^
Max Rate0:318577 kbps
Up Atten0: --- dB
Dn Atten0: --- dB

```

```

InterRat0:90260 kbps^
InterRat0:317293kbps
FastRate0: kbps
FastRate0: kbps

```

```

ADSLMode Qos Set
PPPMode Ping Mode
Regular Upload
Res Set Language

```

```

xDSLTest DMM Test
DialTest LAN Ping
ViewData Modem Emu
Sys Set Tel Dial

```

```

DialTest
PPPDial WAN Ping

```

```

phy test QLN map
bitmap Hlog map
SNR map

```



# Standard accessories



Carrying bag



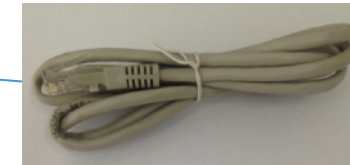
Test cord



Data cable



Qualified certificate



Direct network cable



Management software

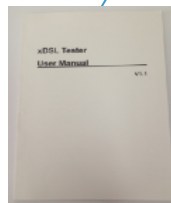


Cross network cable

xDSL Tester (VDSL Module)  
Packing List

No.	Name	Amount
1	xDSL Tester (VDSL Module)	1
2	Charger	1
3	Direct Network Cable	1
4	Cross Network Cable	1
5	Test Cord	1
6	Data Cable	1
7	User Manual	1
8	Carry Case	1
9	CD Management Software	1

Packing list



User manual

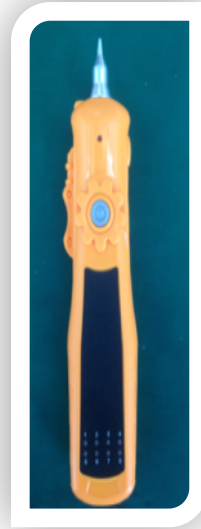


Charger

## Optional Spares



**Car Charger**



**Cable tracer**  
It is used to trace the routing path in the disorderly lines