

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

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, OCD, LCD
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, 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 with ITU-T G. 9700/G.9701 (G.FAST) VDSL2, 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

DSL information: lost signal, link closed

Error Code Second

SNR channel chart

Support Hlog and QLN

Impulse Noise Protection (INP)

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

Support VDSL2 Vectoring (35b)

DMM Test

DC voltage (V):	0 ~ 400
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AC voltage (V):	0 ~ 400
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Loop resistance(Ω):	0 ~ 20000
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Capacitance (nF):	0 ~ 1000
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Insulation resistance (M Ω):	0 ~ 50
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General Specification

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

Interface

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Max Rateo:90260 kbp^
Max Rateo:318577 kbps
Up Atteno: --- dB
In Atteno: --- dB

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InterRateo:90260 kbps^
InterRateo:317293kbps
FastRateo: kbps
FastRateo: kbps

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ADSLMode Qos Set
PPPMODE Ping Mode
Regular Upload
Res Set Language

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

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DialTest
PPPDial WAN Ping

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play test QLN map
Bitmap Hlog map
SNR map

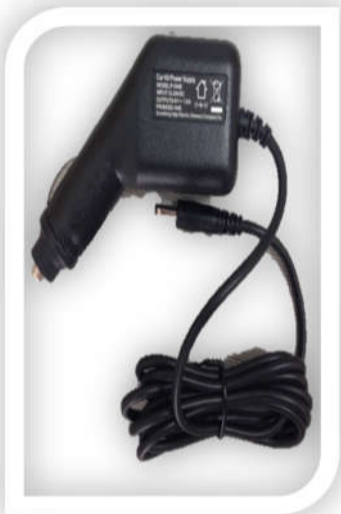
```

Standard accessories





Optional Spares



Car Charger



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

Package

