

Attenuation	0~63.5dB
Noise margin	0~32dB
Upstream channel rate (interweaved / fast mode)	0~1.2Mbps
Downstream channel rate (interweaved / fast mode)	0~24Mbps
The modulating bits in the DMT sub-channel	0~15 and each sub-channels' frequency points
The number of error codes	CRC, HEC, FEC, NCD, OCD
Other parameters	The output power of DSL It can display every condition of the DSL line: lost signal and shutdown of link

VDSL2 Index

Standards	ITU G.993.2(VDSL2). Be compatible with ADSL2+, ADSL standard.
Upstream channel rate (interweaved / fast mode)	VDSL2 : 0-100M
Downstream channel rate (interweaved / fast mode)	VDSL2: 0-100M
The modulating bits in the DMT sub-channel	0~15 and each sub-channels' frequency points
The number of error codes	CRC, HEC, FEC, NCD, OCD
Other parameters	The output power of DSL It can display every condition of the DSL line: lost signal and shutdown of link DSLAM information Error seconds INP pulse protection SNR channel figure Channel noise margin figure
Support profiles	Profile 8a, 8b, 8c, 8d, 12a, 12b, 17a

G.Fast Index

Other parameters	Be compatible with 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 DSLAM information Error Code Second Impulse Noise Protection (INP) Support 9 VDSL2 profiles: profile 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a, 35b
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DMM Test Index

DC voltage	-400 to 400 V; Resolution: 0.1V
AC voltage	0 to 290 V
Capacitance	0 to 1000nF; Accuracy: 0-10nF: ±2nF, 10nF-1000nF: ±2 %±2nF
Loop resistance	0 to 20KΩ; Accuracy: 0-100: ±3%±4Ω, 100-500: ±3%, 500-20 KΩ: ±2%
Insulation resistance	0 to 50MΩ; Accuracy: 0-1.0M: ±0.1 MΩ, 1.0-30M: ±10%±0.5 MΩ

Cable Fault Locator (TDR) Index

General specifications	Check line mix and break fault. Auto and manual distance test
Test range	4km/8km optional
Highest resolution	1m
Dead zone	0m

Power consumption	1W
VOP adjusting range	100-300 m/us
Distance test accuracy	≤1m
Pulse test voltage range	≥30V
Optical Power Index	
Wavelength range(nm)	800~1700
Photo sensing material	InGaAs
Power test range(dBm)	-70~+10 or -50~+26
Error range	±5%
Display distinguishability	Linear display: 0.1%; logarithmic display: 0.01 dBm
Connector	2.5 mm universal adapter
VFL Index	
VFL	FP-LD
Wavelength	650nm±20nm
Output power	5mw
Connector	2.5mm universal adapter (SC, FC, ST)
Working mode	CW or 2Hz modulation
Applicable fiber	SM / MM
Cable Tracking Index	
Test cable type	Network cable, twisted pair cable, telephone line, USB cable, coaxial cable
Line status test	Determine open or short circuit
Voltage polarity detection	Positive and negative of DC voltage
Distance of signal transmission	No less than 3km
DC Voltage	No more than 48V
Check Line Sequence Index	
Function	Support generate network line signal to view the network check line sequence with the receiver
Feature	Easy to operate: determine the line sequence by receiving side lights order
Landline Telephone Index	
Function	Connector with telephone line, can be used as landline
IPTV Test Index	
Transmit Quality	
Curt rate(kbps)	Transfer rate of the IPTV service packages

IP num(is)	Statistics of IP package gathered in the sampling period
Lostednum	Data statistics of RTP package loss number gathered in the sampling period
IP Jitter	Reflect levels of IP packet transmission quality
Net Configuration (Support any net encapsulation format, include TS, TCP, UDP, RTP, RTSP, PPPoE etc.)	
MDI DF	Delay in MDI test regulated by RFC4445
MDI MLR	Media Package loss number in MDI test regulated by RFC4445 Source MAC: IPTV sender MAC
Dst Mac	STB MAC address
Tos TTL	IP Protocol information
Source IP	IPTV sender IP
Dst Port	STB IP
Source Port	IPTV sender Port
Dest Port	STB Port
Rtp type	RTP Protocol information
Statistics	
MLR-15	Statistical value of MLR in 15 minutes
Losted total	RTP packet loss total number in test cycle
Rate	Current test cycle rate, including maximum, minimum and average statistics

Order Information

Ordering Information		Module Code
Standard / Basic Part		
CDMA: 1X/EVDO BC0 GSM 850/900/1800/1900 WCDMA:B1/B2/B5/B8 TD-SCDMA : B34/B39 FDD-LTE :B1/B2/B3/B4/B5/B7/B8 TD-LTE:B38/B39/B40/B41		ST327
Optional Module		
xDSL (Choose 1 only)	VDSL2 Module	V(Also support ADSL)
	VDSL2 Annex Q Vplus/35b	3
	G.fast Module	g
1D/2D Bar Code Scanning Module		B/2 optional
Optical Power Meter Module		G
Cable Fault Locator Module		8(4km or 8km optional)
VFL Module		H
DMM Module		D
Cable Tracking Module		X
Check Line Sequence Module		W
IPTV Test		I
Landline Telephone Module		T

Note:

Full function you can choose is ST327-B/2VGHIXD8TW; ST327- B/23GHIXD8TW; ST327-B/2gGHIXD8TW

From the full function, you can delete any function not need.

(TDR you need confirm need 4km or 8km, Barcode please confirm need 1D or 2D)