



Setting the Standards

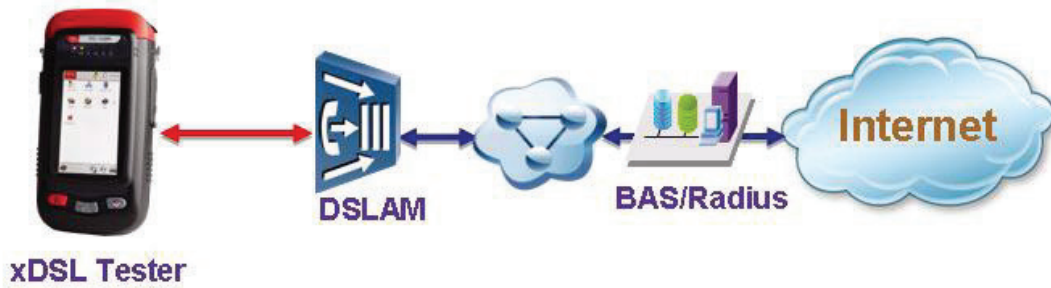
## xDSL Tester



<b>Description</b>	<p>In the deployment and maintenance of operator's broadband service, there is a need of VDSL to judge line quality.</p> <p>DT-320 VDSL Tester developed by Oxin Group is a portable handheld ADSL/ADSL2/ADSL+2line test and analysis instrument, which can test physical layer, network layer and application layer quickly and accurately. It is a necessary tool for VDSL line deployment and maintenance.</p>
<b>Features and Benefits</b>	<ol style="list-style-type: none"> <li>1. Large LCD touch screen</li> <li>2. Windows CE OS, graphical interface, easy to handle</li> <li>3. Net Scan freely and easily</li> <li>4. Cable qualifies indication: Auto setup critical line threshold parameter, with comparing real test result with threshold to indicate the cable qualification</li> <li>5. Audio line-tracking: Send audio line-tracking signal at one end, and then identify the testing line with audio sensor at the other end</li> <li>6. Auto Power-off</li> <li>7. Beep and LED alarm</li> <li>8. Data management test</li> <li>9. Software on-line upgrade</li> </ol>
<b>Applications</b>	<ul style="list-style-type: none"> <li>● 'ATUR+PC' emulation</li> <li>● ADSL+2 Modem replacement</li> <li>● Ping testing</li> <li>● DMM testing</li> <li>● Tone generation</li> </ul>

# xDSL Tester Applications

## ATUR/VTUR+PC emulation



## xDSL modem replacement



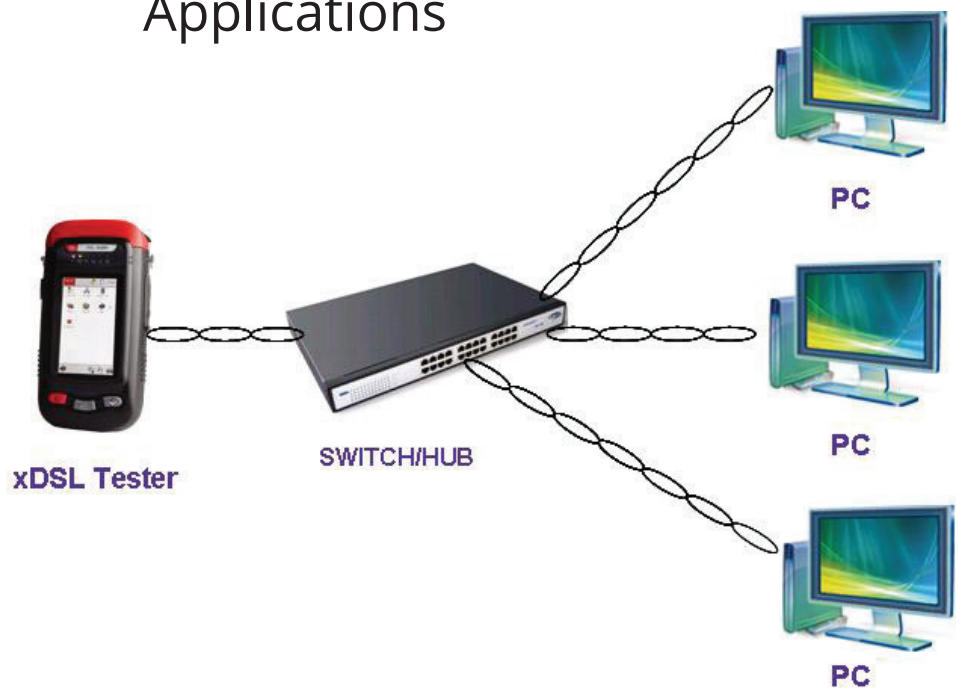
## PC replacement



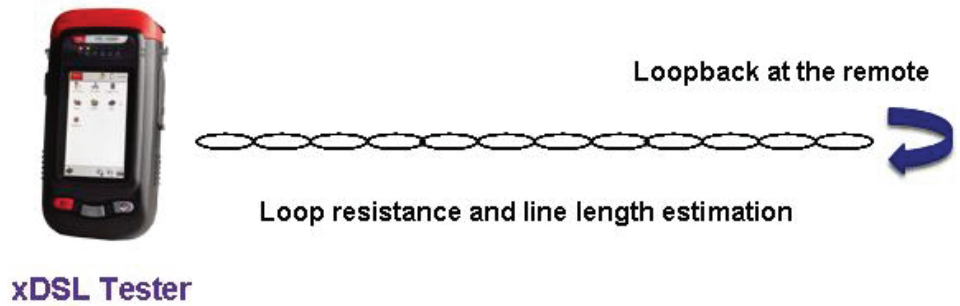
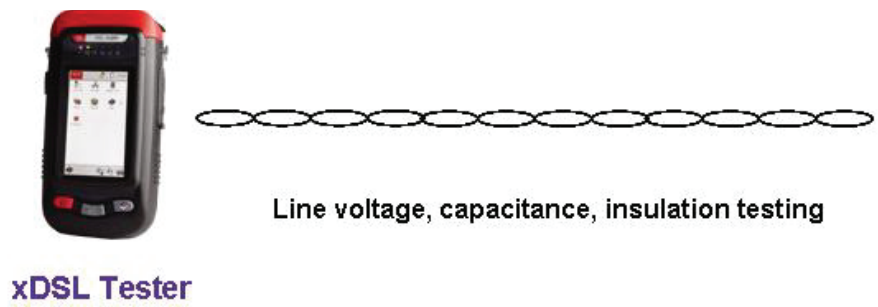
WEB Browsing

# xDSL Tester Applications

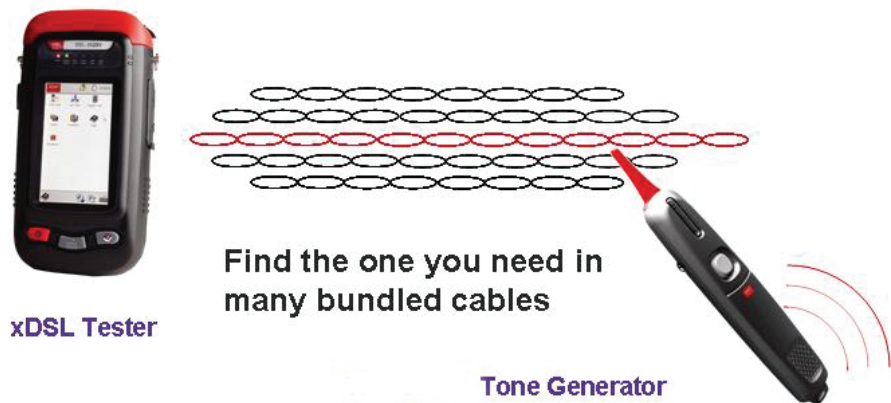
Ethernet testing



Cable testing



Tone generation



# xDSL Tester

Ordering Information	Description	Part Number
	xDSL Tester	DT-320
Packaging	Description	
	Cardboard box, 1 unit per box	
General Characteristics	Parameter	Value
	Display	TFT true color, 480x272
	Operation mode	Touch screen, keyboard
	Interfaces	RJ11, RJ45 port, USB port, DC power
	Data storage	>2000 records
	Battery	Li-ion battery
	Charging time	3 hours
	Operation time	5 hours
Physical Characteristics	Parameter	Value
	Dimensions	200 mm x 120 mm x 60 mm
	Weight	1 Kg
Mechanical Characteristics	Parameter	Value
	Operation temperature	0 ~ 50°C
	Storage temperature	-20 ~ 70°C
	Operation humidity	10 ~ 90 %
Storage humidity	5 ~ 95 %	
xDSL Testing Characteristics	Parameter	Value
	Attenuation	0 ~ 63.5 dB
	Output power	-32.0 ~ 31.5 dBm
	Noise margin	-64.0 ~ 63.5 dB
	ADSL+2 Downstream rate	0 ~ 24 Mbps
	ADSL+2 Upstream rate	0 ~ 1.2 Mbps
	VDSL2 Downstream rate	0 ~ 100 Mbps
	VDSL2 Upstream rate	0 ~ 100 Mbps
DMT sub-channel modulation bits	0 ~ 15	
Bit error quantity	0 ~ 65535	
DMM Testing Characteristics	Parameter	Value
	Loop resistance	5Ω ~ 5KΩ ± %5
	Capacitance	0 ~ 500nF ± %10
	DC voltage	-110V ~ 110V ± %5
	AC voltage	0 ~ 110V ± %5
Insulation resistance	0.1MΩ ~ 50MΩ ± %10	



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DT-320 Data Sheet  
VER 2.2EN 2017-08-09

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