

250S

SHDSL QUALIFIER

CoLT-250S

NETWORK TESTING



The Easiest Way to Accelerate SHDSL Deployment

The CoLT-250S is the most economical test set for verifying that symmetrical SHDSL service is properly delivered to your customers. Simply connect the CoLT-250S to the circuit, turn the unit on, and within seconds you are synchronized with SHDSL DSLAM and displaying SHDSL results on screen. The CoLT-250S is so easy to use, installers can be trained to operate the unit in just a few minutes.

The CoLT-250S quickly confirms the presence and speed of the delivered SHDSL service at the customer premise, from 192 kbps to 2.3 Mbps! In this manner, the level of service sold to your customers can be justified. The CoLT-250S utilizes an actual GlobeSpan SHDSL modem inside which means that the CoLT-250S works with all GlobeSpan compatible SHDSL DSLAMs.

Loop plant records and automated test systems can pre-qualify a loop, but they are unable to accurately predict the level of SHDSL service that can be achieved. Automated test systems that depend on single-ended testing cannot give a true picture of loop quality. The CoLT-250S displays the actual connection rates as a subscriber would see them.

Replacing your spectrally challenged HDSL, T1 or 2 Mbit/s (E1) circuits with SHDSL? Use the CoLT-250S to confirm that you've properly commissioned your SHDSL STU-C and that the physical layer has not been compromised. The CoLT-250S' EOC channel provides Signal to Noise Ratio Margin and Loop Attenuation to ensure installers that the SHDSL service has been successfully deployed.

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Telecommunications Test and Measurement

EXFO

EXPERTISE REACHING OUT

KEY FEATURES

- Economical and easy-to-use
- Lightweight handheld design
- Runs a test at the push of a button
- Easily confirms SHDSL service at the Customer Premise
- Save multiple results for later analysis
- Attaches directly to the copper pair via telco chips
- Reduces time and removes the guess work in installing SHDSL services
- Can connect to various locations on the local loop
- Upgradeable via the integrated RS232 serial interface
- Field replaceable batteries
- Send results to a PC to view negotiated parameters
- Complete package includes test cable, user guide and soft pack carrying case.

SPECIFICATIONS

General

Size (H x W x D)	23.5 cm x 11.4 cm x 3.8 cm	(9.3 in x 4.5 in x 3.8 in)
Power	4 x 'AA' size Alkaline batteries	
Battery Life	300 tests, based on typical use	
Temperature	operating 0 °C to 50 °C	(32 °F to 120 °F)
Humidity	5 to 95% non-condensing	
Display	16 char. x 4 line backlit LCD	

Connectors

Line Interface	RJ-45@135 ohms	Test cable ends in 2 telco ships and a RJ-11 connector
Serial Port	RS232C/V.24 DB-9	The RS232C/V.24 DB-9 is used for the downloading results and uploading of new software
Chipset	GlobeSpan STU-R	STU-C is optional
Termination	135 ohms	
Standards	G.991.2	G.994.1
Mode of Operation	Annex A and Annex B	
Rates Supported	2 Wire: 192 kbps to 2.3 Mbps in 8 kbps steps	

Find out more about EXFO's extensive line of high-performance portable instruments by visiting our website at www.EXFO.com.

Rugged Handheld Solutions		Platform-Based Solutions		
OPTICAL	DSL/COPPER	OPTICAL FIBER	DWDM Test Systems	Transport/Datacom
<ul style="list-style-type: none"> ▪ OLTs ▪ Power meters ▪ Light sources ▪ Talk sets 	<ul style="list-style-type: none"> ▪ ADSL/ADSL2+, SHDSL, VDSL test sets ▪ VoIP and IPTV test sets ▪ Ethernet test sets ▪ POTS Test sets 	<ul style="list-style-type: none"> ▪ OTDRs ▪ OLTs ▪ ORL meters ▪ Variable Attenuators 	<ul style="list-style-type: none"> ▪ OSAs ▪ PMS analyzers ▪ Chromatic dispersion analyser 	<ul style="list-style-type: none"> ▪ SONET/DSn (DS0 to OC-192) testers ▪ SDH/PDH (64 kb/s to STM-64c) testers ▪ T1/T3 testers ▪ E1 testers ▪ 10/100 and Gigabit Ethernet testers ▪ Fibre Channel testers ▪ 10 Gigabit Ethernet testers



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