

450

NETWORK TESTING

VOICE, VIDEO AND DATA TEST SET FOR TRIPLE-PLAY SERVICE CONFIRMATION

CoLT-450

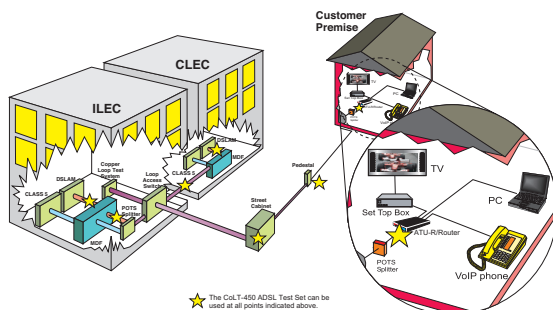


ADSL2+ is the latest craze for the delivery of "Triple-Play" solutions. Voice, video, and data can be transported simultaneously using ADSL2+: business and residential customers benefit by paying only one bill. The CoLT-450's ADSL2+ Module supports the latest ADSL2+, ADSL2 and RE-ADSL standards, and can be used to support the older ADSL deployments. With data rates approaching 24 Mbps, is it any wonder why Service Providers are jumping on Triple-Play and testing it using the CoLT-450? The CoLT-450 is the right "Triple-Play" tool for the job!

Determining ADSL2+ service levels has never been easier than with the CoLT-450 ADSL2+ Test Set! ADSL2+ converts existing twisted-pair telephone lines into "always on" high speed access lines capable of delivering simultaneous voice, data, multimedia, and video to the residential and business customer.

ADSL2+ service providers are offering multiple levels of ADSL service based on different speeds and various value-added options to users. The Consultronics ADSL2+ service confirmation module for the powerful CoLT-450 hand-held test set allows Incumbent Local Exchange Carriers (ILECs), Competitive Local Exchange Carriers (CLECs), and Contractors to install, confirm service levels, maintain and troubleshoot ADSL2+, IPTV and VoIP services quickly and easily at the push of a button.

The CoLT-450 with ADSL2+ module allows installers to confirm that the service promised is the service delivered, giving all the information about the connection, right on screen and allowing users to store results as a permanent record of the installation.



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Telecommunications Test and Measurement

Consultronics Products Group

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EXPERTISE REACHING OUT

SPECIFICATIONS

Covers the ADSL2+ module, the CoLT-450 Main Chassis, and the NiMH rechargeable battery module

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| Connectors | RJ-45 for connection to an ADSL2+ line RS232C (V.24) DB-9 for upgrading software and downloading results to a PC RJ-45 10BaseT Ethernet connection |
| Storage of Results | Up to 100 results |
| Standards (Complies with) | ITU-T G.992.5 (ADSL2+) ITU-T G.992.3 (ADSL2) including RE-ADSL (Annex L) ITU-T G.992.1 (G.DMT) ANSI T1.413 Issue 2, and ITU-T G.994.1 (G.hs) |
| Modes of Operation | ATU-R |
| Chipset used | Conexant |
| Status Measurements (Upstream and Downstream) | Maximum Attainable Bit Rates Actual Bit Rates Capacity Latency Modes (Fast and Interleaved) Signal to Noise Ratio / Noise Margin Output Power Attenuation Carrier Load (Bits/Bin) |

Supports the following optional Test Suites:

- Broadband Internet Application Test Suite (BIATS): Features Ping, traceroute, Web Speed testing
- Video over DSL Test Suite (VDTS): Features MPEG support, STB Emulation, Analysis of DSL, ATM, and IP layers
- Throughmode (TMOD): Features LOS counters, ADSL Frame counters, ATM Cell counters and DSL Parameters
- Video over IP Test Suite (VOIP): Features SIP & MGCP support, Call Flow Analysis, Jitter Analysis, and Interpacket Dispersion Analysis



GENERAL SPECIFICATIONS

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|-----------------------|---|
| Size | Approx. 250 mm x 107 mm x 59 mm (9.8" x 4.2" x 2.3") |
| Weight | Approx. 1.3 kg (2.9 lbs) |
| Battery Module | Rechargeable 10.8 V.D.C., 2700 mAh NiMH battery pack |
| Battery Usage | 5.4 hours at 20°C (68°F) |
| Battery Recharge time | Maximum of 110 minutes (from fully discharged to fully charged) |
| AC Power (Mains) | |
| Adapter Input | 100-240 VAC, 50-60 Hz |
| Output | 15 VDC, 2.7 A |
| Operating Temperature | 0°C to 50°C (32°F to 120°F) |
| Storage Temperature | -20°C to 70°C (-4°F to 158°F) |
| Humidity | 5% to 95% non-condensing |
| Display | 128 x 128 pixel backlit monochromatic LCD |

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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EXFO is certified ISO 9001 and attests to the quality of these products. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. EXFO has made every effort to ensure that the information contained in this specification sheet is accurate. All of EXFO's manufactured products are compliant with the European Union's WEEE directive. For more information, please visit www.EXFO.com/recycle. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics and products at any time without obligation. Units of measurement in this document conform to SI standards and practices.

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