

Megabit Modem 300SBP

Tactical DSL LAN Extension

A High-Performance SDSL Modem for Small LAN Applications

LTI DataComm's exclusive Megabit Modem 300SBP is a sophisticated access device designed to be used "back to back" with another 300SBP for simple LAN extension applications. The 300SBP may also be used to connect individual users or LAN environments to frame-over SDSL service.

Rate Adaptive SDSL

The 300SBP's self adjust bandwidth transmission distance and line conditions allow Network Operations the ability to deliver the best possible data rate for any user. Typically, end users close to the DCO's will receive the highest data available, while subscribers far away will still be reachable at lower rates. The 300SBP from LTI DataComm may be set to Rate Adapt or Rate Selectable modes.

Tactical Deployment and Base Application

The 300SBP can be used to provide very high speed access in tactical environments. The quick connect/disconnect features of the 300SBP provide the ease of installation and stable physical connections required in a stressful data environment. The 300SBP can be used in base applications to provide very high speed data access while stabilizing physical connects. Utilize RJ45 or "Quick Connect" attachments.

Benefits

- Extend LAN to Deployed Units via DSL
- Establish Connectivity and Service Today
- Fully Manage Remote Network Segments
- Utilize Existing Field-grade Copper; no need for crimp tools

SPECIFICATIONS	
Power Supply	50/60 Hz, 120-220 VAC in, +5DC out
Connectors	Ethernet Connector: RJ-45 connector for 10BASE-T interface SDSL Connector: RJ-11 connector for SDSL interface Binding Post: Back-to-back over Military Field Wire
Default SDSL Margin LED Threshold	6 dB
Physical	Depth: 5.5 in (14.0 cm) Width: 6.75 in (17.15 cm) Height: 1.25 in (3.175 cm) Weight: 1.38 lb (0.63 kg)
Environmental	Operating Temperature: +32° to 122° F (0° to 50° C) Relative Humidity: Up to 95% non-condensing Operating Altitude: -200 to 13,000 ft (-61 to 3,962 m) Storage Temperature: -40° to 158° F (-40° to 70° C) Storage Altitude: -1,000 to 30,000 ft (-305 to 9,144 m)
Emissions and Immunity Compliances	FCC Part 15, Subpart B, Class B CENITELEC/ETSI (IEC 555 and 801) CE (EN 55022 and EN 50082-1)
Operations and Safety Compliances	cUL (UL-1950) CE (EN 60950)
Pinouts	SDSL Port: Pin 3-SDSL Tip, Pin 4-SDSL Ring 10BASE-T Port: Pin 1-RX+, Pin 2-RX-, Pin 3-TX+, Pin 6-TX-

Product Datasheet



Featuring Field Wire Binding Posts

Features:

- One Copper Pair
- Field Wire Connectors Included
- Up to 2Mbps Duplex Data Rates
- SNMP Manageable
- Performance Monitoring
- Remote Provisioning
- Protocol Independent
- Fiber Quality on your Worst Copper
- Tested up to 3 Miles on Military Field Wire