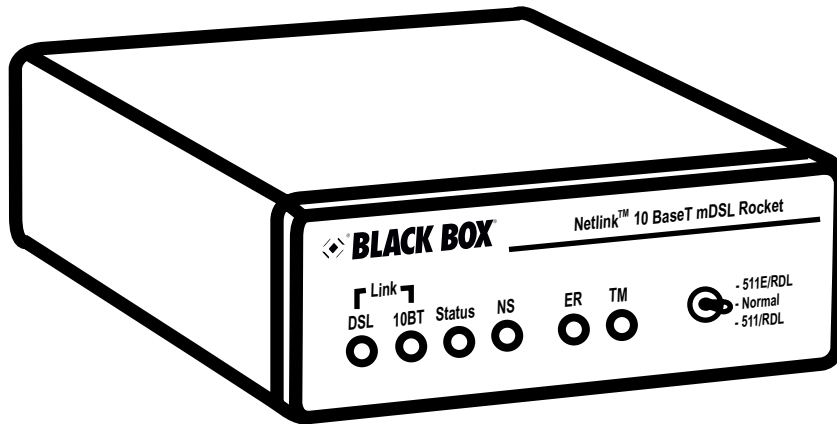




Compact mDSL Modem

Simple, Compact 2Mbps extension with fixed interfaces.



Key features:

- ▶ Fixed Interface
- ▶ 2.304Mbps maximum speed
- ▶ G.703, Ethernet, X.21, and V.35 Extension.
- ▶ External PSU
- ▶ 2.3 Mbps CAP (Carrierless Amplitude and Phase) line encoding

Overview

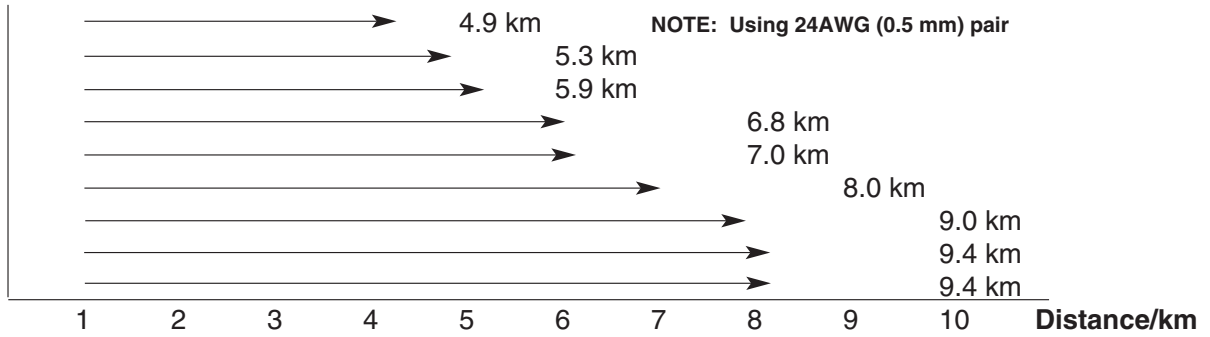
These compact modems offer full 2.3 Mbps CAP encoding, and a variety of interfaces to suit your requirement. An external power supply keeps the modem down to a compact size, and fixed interfaces keep the cost down too!

A wide variety of interfaces are available. Connection to the line uses just two wires, and any choice of Ethernet, G.703, X.21, or V.35 is possible. You can even use a different interface option at each end of the link, leaving the modems to do the conversion! When using the Ethernet version in this configuration, the industry-standard PPP protocol is used enabling connection to most routers over a V.35, X.21, or G.703 link.

Compact mDSL modems are compatible with the Netlink mDSL (MDU9700), and mDSL cards for the Access Rack (MDU9700C).

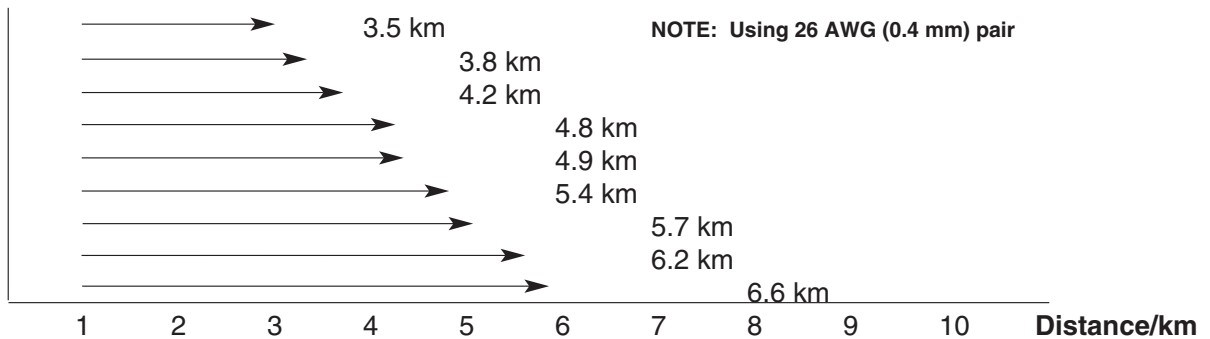
Line Rate

2.304 Mbps
2.048 Mbps
1.552 Mbps
1024 kbps
768 kbps
512 kbps
384 kbps
256 kbps
128 kbps



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1024 kbps
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Specifications

Clocking: Internal, External, or receive recovered (network) clock

Data format: Synchronous full duplex over (1) unconditioned twisted pair (2-wire) cable

Diagnostics: V.54 loops (LLB, RDL); V.52 compliant BER Pattern Generator (511/511E)

DTE Rate: 64 kbps to 2.3 Mbps

Line Encoding: CAP

Line rates: 144, 272, 400, 528, 784, 1040, 1552, 2064, 2320 kbps.

Distance – see chart on page 2.

Interface: DTE: V.35, X.21, G.703 (75 or 120 Ohm) or 10 BASE-T.

Connectors: DB15F (X.21); M34F (V.35); (2) Coaxial (75 Ohm G.703); RJ45 (10 BASE-T); RJ45 (Line).

Indicators: (6) LEDs: DSL, DTE status, NS, ER, TM.

Size: 3.84 H x 10.6 W x 14.8 D cm

Weight: 1 kg

Power: 90-260 VAC external

Ordering Information

ITEM	CODE
Compact mDSL Modem	
V.35	MDU9705A-V35
X.21	MDU9705A-X21
G.703/704	MDU9705A-G703
10 BASE-T	MDU9705A-10BT