



Mbps Wireless Modem

The ultimate E1 Leased line, wireless alternative

Overview:

▶ Key Features:

- ▶ Wireless Alternative to Expensive E1/T1 Circuits
- ▶ Up to 1.5km at full E1 speeds, 5km at lower speeds
- ▶ "Last Mile" and rural site connectivity
- ▶ E1 (G703) and Fractional E1 (G704), V35, X21, RS-530 interfaces
- ▶ License free installation in most countries

The E1/T1 Wireless Modem is an ideal solution for extending private networks. The modem is a wireless alternative to leased lines (G703) offered by telephone companies. The Modem is ideal for use with most PABX's to provide intra-company links.

The Wireless Modem from Black Box provides you with a reliable, synchronous, full-duplex 2-Mbps link over distances up to 1.5km, and if lower data rates are required, distances up to 5 km can be achieved - without laying any cable or paying charges for the privilege!

FHSS (frequency Hopping Spread Spectrum) ensures reliable and secure data transmission. During data transfer, two 2.048-Mbps Wireless Modems "hop" through a predefined sequence of frequencies known only to the transmitting and receiving modems. This sequence is determined by a unique, user-programmable code, which renders the transmission virtually impenetrable to unwanted eavesdroppers.

The user-friendly configuration, monitoring and diagnostics make complex installation of wireless networking equipment a thing of the past. The included software even helps you position antennas for optimal transmission.

All popular DTE interface options are supported, so your switch from leased lines to wireless doesn't require you to change your existing routers or multiplexors.

Remember! Black Box can provide trained professionals to install your product to ensure that it is set up properly and its performance is optimised. For further details, just ring 0118 965 5000 and ask for the installations team.

Specifications

Speed - V.35 & X.21: 64-2048 kbps; E1: 2048 kbps

Interface - V.35 & X.21: RS530; E1: CEPT-1 meets G.703 and G.823

Connectors - V.35: (1) Winchester 34-pin; X.21: (1) DB15F; E1 (2) BNC, (1) RJ-45; Monitor port: (1) DB9F

Indicators - LEDs: Power, Self Test, Data Link Activity, TxD & RxD, Radio Link Status, RxSync & TxSync, Data Link Status, LOS, AIS

Power - 100-240VAC, autosensing

Size - 4.4H x 19.5W x 24.4D cm

Weight - 1kg

Ordering Information

Product Name	Product Code
2.048-Mbps Wireless Modem	
G.703	MWU2000-G703
X.21	MWU2000-X21
V.35	MWU2000-V35
Then choose the antennas...	
Directional Antennas with 10-m Cable:	
8-5 -dBi Transmit/8.5-dBi Receive with 6m cable	LWU012
12-dBi Transmit/12-dBi Receive.....	MWU2000-1212
12-dBi Transmit/12-dbi Receive.....	MWU2000-1218
12-dBi Transmit/24-dBi Receive.....	MWU2000-1224

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support.

Recognise any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.

According to a recent survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support

contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.



Black Box offers the best warranty program in the industry—Fido Protection®. For more information, request **FaxBack 22512**.