



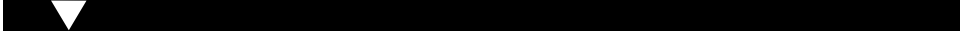
BLACK BOX[®]

NETWORK SERVICES

7Mbps ADSL Modem 310F/320F

Key Features

- ▶ Standard-compliant DMT ADSL
- ▶ Supports a variety of services and applications such as LAN extension and Internet access
- ▶ Combined bridging and routing capabilities from one platform
- ▶ Unparalleled reach for point-to-point applications (up to 27kft @ AWG 24 or 19 kft @ AWG 26)
- ▶ 10BASE-T Ethernet port
- ▶ Assured interoperability at both central and remote locations for maximum performance
- ▶ Rate adaptive for easy installation and centralized configuration – 7.040 Mbps downstream and 928 kbps upstream
- ▶ Console port for configuration and management
- ▶ High-performance transparent Ethernet bridging; dynamically learns up to 8,192 addresses



Megabit Modems[®] 310F and 320F are "back to back" solutions targeted for simple LAN extension applications. The Megabit Modem 310F (local device) and Megabit Modem 320F (remote device) enable transmission of frames-over-ADSL at speeds up to 7.040 Mbps downstream and 928Kbps upstream.

Specifications

LEDs —

- Power
- LAN: Link, Tx, Rx, Collision
- ADSL: Sync, Tx, Rx, Margin

LAN Interface —

- 10BASE-T (802.3i) Ethernet
- Connector: RJ-45

ADSL WAN Interface —

- ITU-T G.DMT and ANSI T1.413
- Rate Adaptive Discrete Multi-Tone (DMT) Asymmetric Digital Subscriber Line capable of operation up to 7,040 Mbps downstream and 928Kbps upstream
- Rate Adaptive in 32 kbps increments to a minimum of 64Kbps (upstream and downstream)
- Connector: RJ-11

WAN Protocols — Ethernet over HDLC over ADSL

Internetworking — High-performance Ethernet bridging at maximum ADSL speed Dynamically learns up to 8,192 addresses

Service Port — Serial interface for local configuration and management via RS-232, Supports electronic firmware upgrade, Connector: RJ-45

Power Requirements — 100-240 VAC, 50/60 Hz, 0.2 A

Operating Requirements

Temperature — 0°C to 50°C

Relative humidity — Up to 95% non-condensing

Altitude — Between -61 to 3,962 m

Physical Specifications

Weight — 0.63 kg

Regulatory Certifications — FCC Class A, CE, cUL

Black Box Network Services - The world's largest network services company

We are, with 25 years of experience, the world leader in network infrastructure services.

On the Phone — no charge, answer calls in less than 20 seconds, find the right product with our technical experts.

On-site — superior design and engineering, Certified installations, end-to-end service.

On-line — receive technical knowledge on-line, including technology overviews, BLACK BOX Explains and the Knowledge Box.

Most comprehensive TECHNICAL SUPPORT — our best Product! Free hotline TECH SUPPORT!

The world's best customer service — Custom design services and products, the best warranties, money-saving discount programs.

BLACK BOX exclusives — Certification Plus. Guaranteed-for-life products and services.

Ordering information

ITEM

CODE

Megabit Modem 310F	MDS-MM310F
Megabit Modem 320F	MDS-MM320F
Megabit Modem Universal Power Supply	MDS-MM500F-PS