

Megabit Modems 410F/420F

ADSL Modem Pair For
Advanced LAN Applications



Megabit Modems® 410F and 420F are point to point bridging and routing solutions targeted for advanced LAN extension applications. The Megabit Modem 410F (local device) and Megabit Modem 420F (remote device) enable transmission of cells-over-ADSL at speeds up to 7.552 Mbps downstream and 928 kbps upstream.

Features:

- Brouter setting routes all IP datagrams and bridges all other traffic.
- Dynamic Host Configuration Protocol (DHCP) server to provide network configuration information including IP addresses to LAN devices
- AccessGain™ software that provides access through an HTTP server to configure, manage, and monitor the modem through a Web-based interface from the LAN or WAN port
- SNMP agent for management through any industry standard SNMP platform from the LAN or WAN port
- Autodetecting 10/100BASE-T Ethernet port for connection to the LAN
- DSLview™ LEDs that provide continual status at-a-glance for power, LAN, and ADSL connections
- Trivial File Transfer Protocol (TFTP) for software upgrades

Ordering Information

Description	Dimensions (H x W x D)	Catalog Number
Megabit Modem 410F	1.2 x 6.9 x 9.2 in. (3.1 x 17.5 x 23.4 cm)	MM410F-x*
Megabit Modem 420F	1.2 x 6.9 x 9.2 in. (3.1 x 17.5 x 23.4 cm)	MM420F-x*

*Note: Replace the "x" with one of the following digits:

2 = Include power supply for International use, no power cord

3 = Include power supply for North American use, North American power connector/cord

4 = Include power supply for European use, European power cord

5 = Include power supply for European use, UK/Ireland power cord.

Physical Specifications

Weight: 2.2 lbs (1.0 kg)

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 928 kbps upstream

Rate Adaptive in 32 kbps increments to a minimum of 64 kbps (upstream and downstream)

Connector: RJ-11

WAN Protocols:

Ethernet over HDLC over ADSL

Internetworking:

Bridging:

MAC layer bridging dynamically learns up to 1,024 addresses

Supports 802.1d spanning tree protocol

Routing

Routing Information Protocol (RIP) I and II

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, 0.3 A

Operating Requirements:

Temperature: 32°F to 122°F (0°C to 50°C)

Relative humidity: Up to 95% non-condensing

Altitude: Between -200 and 13,000 ft. (-61 to 3,962 m)

Regulatory Certifications:

FCC Part 15, Subpart B, Class A, CE, cUL, UL-1950



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For a complete listing of ADC's global sales office locations, please refer to our web site.

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