



BR1/10 FRAMEPORT 768

FRAME LEVEL MULTIPLEXING PRODUCT

PRODUCT FEATURES

- Multiplexes up to 10 SDSL interfaces into a single DS-1
- Standard ADTRAN BR1/10 form factor
- 128 kbps to 768 kbps for each subscriber line
- Automatic or provisionable DLCI assignment
- SNMP manageable
- 32 PVCs per port
- Standard 12 kft SDSL local loop range
- Software upgrade via inband Telnet or SNMP
- FECN, BECN and QoS support
- Built-in test capability

The benefits of Frame Relay have become apparent to thousands of business users who demand multiple site, high speed connectivity for data networks. As Frame Relay services continue to grow, network service providers are looking for more efficient ways to utilize existing frame switches.

ADTRAN's FramePort products offer high speed, high port density access to frame relay switches. Using ADTRAN BR1/10 channel bank technology, the FramePort interleaves bursty data traffic from many users into a single non-channelized DS-1, increasing the efficiency of the service providers' broadband facilities and frame switch resources. The FramePort transforms the BR1/10 channel bank from a Time Division Multiplexer to a Frame Relay Data Multiplexer, offering higher port density and higher subscriber line speeds over current deployment methods. By interleaving data traffic into the DS-1 on a statistical basis, the architecture is not constrained by rate or physical slot restrictions, allowing a single shelf to be fully populated.

The BR1/10 FramePort 768 is a single BR1/10 channel card equipped with an SDSL interface capable of port speeds ranging from 128 kbps to 768 kbps. A single DS1 can statistically multiplex ten users at 768 kbps each, yielding 5:1 concentration over standard time-division multiplexing techniques.

ADTRAN offers SDSL customer premise equipment (CPE) to complement the BR1/10 FramePort 768, producing an end-to-end solution for the user demanding high speed frame relay connectivity. Both the BR1/10 FramePort 768 and BR1/10 Dual FramePort 144 can be deployed within the same channel bank.

The FramePort series is centrally managed through ADVISION, ADTRAN's telco management solution running over IP OpenView or through remote Telnet sessions, perfectly sufficient for smaller installations. Physical layer connectivity is checked using loopback capabilities built into the FramePort products.

ADTRAN's Frame Access product line enables frame relay service providers to build into their network the latest SDSL and IDSL technologies so in demand by today's progressive business customer.



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911460021-8A, October 1999
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Product Specifications

LOOP INTERFACE

Interface

- 1 SDSL interface per card

Data Rates

- 128 to 768 kbps

Signal Format

- 2B1Q

ENVIRONMENTAL

Operating Temperature

- -40° to +70° C

Relative Humidity

- Up to 95% non-condensing

Indicators

- Network

- Loop

Physical

- 2.5" H x 0.625" W x 9.375" L

Power

- No bank fill restrictions

Frame Relay Interface

- Conforms to RFC 1490
- Compatible with FRF, ANSI T1.617 Annex D, and ITU TQ.933A

Ordering Information

EQUIPMENT

BR1/10 FramePort 768 1150302L1

PART

Specifications subject to change without notice.