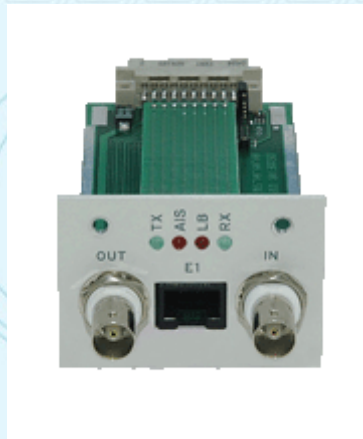


**Single E1 G.703 module**



**V.35 module**



**2-port 10/100Base-T Ethernet module**



E1 interface is used to connect voice switches (PBX, other), multiplexers, voice/video codecs and any other telecommunications equipment supporting G.703 interface. Data rate: 2Mbps;

Interface: synchronous data G.703 balanced or unbalanced with transparent data channel that allows any type of signalization and clocking.

Connectors:

- Balanced RJ-45 120 Ohm,
- Unbalanced BNC 75 Ohm.

Can be used with the following Indoor Units:

CFM-4-MUX; CFM-8-MUX; CFM-M-MUX; CFM-MP-MUX

The typical use for V.35 port module are various data applications via connected router, ATM access device or any other device supporting V.35 interface. Could be used with video/voice codecs, etc. The module terminates 2, 4, 6 or 8 Mbps from modular multiplexer and provides user selected data rates of 64, 128, 256, 512, 1024, 2048, 4096, 6144 or 8192 Kbps to the module.

Interface: synchronous data V.35.

Connector: V.35 female (M.34)

Can be used with the following Indoor Units:

CFM-4-MUX; CFM-8-MUX; CFM-M-MUX; CFM-MP-MUX

It is a low capacity 10/100Base-T Ethernet bridge module with 2 Ethernet ports, configurable from 2 up to 12 Mbps. The module comprises a standard-based Fast Ethernet Bridge and is an excellent connectivity tool for any Ethernet devices or networks over the radio channel. It performs switching between each LAN and WAN port and between both LAN ports.

Both ports have auto MDIX TX/RX swap function, and support 10/100 Mbps Full/Half duplex modes with auto negotiation. The bridge supports 802.1Q VLAN tagged packets. The Bridge automatically learns MAC addresses of the LAN to which it is connected and forwards only those frames destined for another LAN. The LAN table stores up to 2048 addresses and is automatically updated.

Connector: Balanced 2xRJ-45

Can be used with the following Indoor Units:

CFM-4-MUX (2-4 Mbps); CFM-8-MUX (2-8 Mbps); CFM-M-MUX and CFM-MP-MUX (2-12 Mbps)

#### 4-port E1 module



4xE1 module provides four E1 ports, and each port can be independently enabled and disabled. Data rates: 2, 2x2, 3x2, 4x2 Mbps.

Connectors: Balanced 4xRJ-45 120 Ohm

Can be used with the following Indoor Units:

CFM-M-MUX; CFM-MP-MUX

#### 4-port E1 module



Module provides four E1 ports, each port can be independently enabled and disabled. Data rates: 2, 2x2, 3x2, 4x2 Mbps.

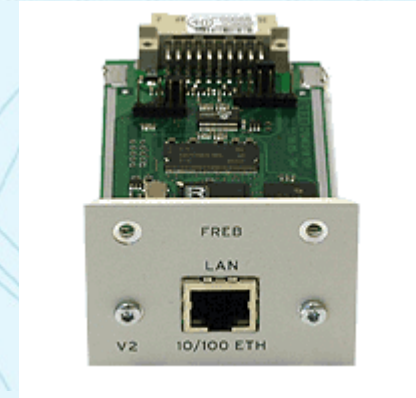
Connectors:

- Balanced DB-25 120 Ohm,
- Unbalanced DB-25 75 Ohm.

Can be used with the following Indoor Units:

CFM-M-MUX; CFM-MP-MUX

#### Single-port 10/100Base-T Ethernet module



A single-port FREB module is very similar to 2-port Remote Fast Ethernet Module. Its features are the following: 10M/100M Half/Full duplex auto-detect; TP auto MDIX TX/RX swap; 10.000 MAC addresses table; store and forward architecture; aging function; supports up to 1760 byte packets; supports 802.1Q VLAN. Data rates: 2-34Mbps

Connector: Balanced RJ-45

Can be used with the following Indoor Units:

CFM-M-MUX; CFM-MP-MUX

#### Plug-in module for CFM-MP-MUX

#### V.35-G.704 Converter module



Power supply hot swappable plug-in module for CFM-MP-MUX Indoor Unit. Supported voltage 20-60V DC, any polarity can be grounded. 2 modules are required for 1+1 operation.

Can be used with the following Indoor Unit:

CFM-MP-MUX



The V.35-G.704 converter module is a complementing device for CFM-4-MUX and CFM-8-MUX indoor units. It converts the WAN side E1 traffic to Nx64 Kbps serial data channels on the LAN side via V.35 port. The V.35 port supports fractional (LAN-side) data rates from 64 up to 1984 Kbps (when the 16th timeslot is not used). The module can also be used as a standard V.35 serial data transmission interface supporting transfer rates of 64, 128, 256, 512, 1024, 2048, 4096, 6144 or 8192 Kbps.

Interface: synchronous data V.35.  
Connector: V.35 female (M.34)

Can be used with the following Indoor Units:

CFM-4-MUX; CFM-8-MUX

Note: Interface modules for CFM-M-MUX and CFM-MP-MUX are different from interface modules for all other IDUs in terms of the rear connector. Please consider when ordering.