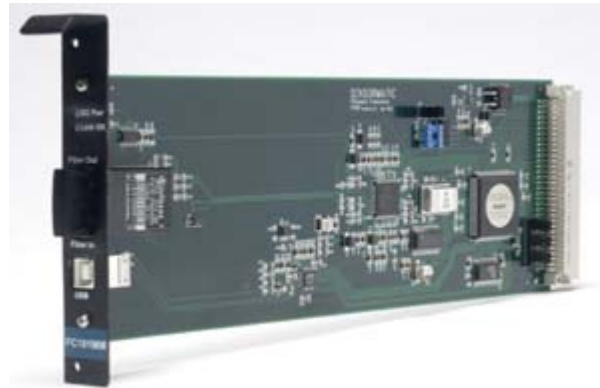


OMNInet Fiber Optic Modules



The FC101MM is a multi-mode fiber module for distances to 2km and the FC101SM is a single-mode fiber module for distances to 15km. The FC101 module is the primary network interface that acts as a "T" tap on the fiber optic backbone. The module handles all Point of Presence (POP) Hub backplane management and timing functions. Each FC101 module represents 1/8 of the total bandwidth of an OMNInet network.

The PathMaster software application is the GUI for system configuration, control and monitoring information that communicates via USB between the host PC and the FC101 module.

Module Features

- Operates at near OC3 level with 147.456Mb/s effective rate, including overhead
- Built-in redundant operation
- Realigns information coming from various non-aligned sources to the backplane timing
- System configuration information stored in non-volatile memory
- Standard multi-mode module operates at distances up to 2km with optical budget of 10dB
- Standard single-mode module operates at distances up to 15km
- Extended distances for single-mode operations are available