

NW-FOM700 Series

NETWELL



Descriptions

NW-FOM700 is the best optical fiber multiplexer on the market for aggregating up to 4 E1/T1 + 4FE or 3E1/T1 + Universal Data port + 4FE lines into single fiber optic link. With advanced features such as on-board SNMP management, optical link automatic 1+1 protection and full diagnostic functions, the NW-FOM700 provides an optimal platform for concentrating and extending T1/E1/Data/Ethernet lines over a fiber optic link. Designed with modern FPGA technology, this platform offers exceptional reliability, low power consumption and maximum flexibility.

All aspects of the T1/E1/Data/Ethernet interfaces conform to ITU standards, making the NW-FOM700 compatible with all existing T1/E1/Data/Ethernet environments. Its tributary interface also can be configured by software either fully four E1 links or three E1 and one universal data links to meet the differing realities of field application. On board four Fast Ethernet links provide a real time data transmission over an optical link. It also offers various optical interfaces and module to satisfy varying distance requirements while providing automatic protection switching for optical link redundancy. The cost efficient single fiber solution(WDM) is applicable.

Managing the NW-FOM700 can be completed easily through either Universal NMS via SNMP agent or the craft port with a general VT-100 or emulation terminal. The full LED display feature enables carrier to monitor the entire status, the optical interface Alarm status and all other working conditions with clarity.

The NW-FOM700 is a great design of standalone, which is also available for mounting in the 19 inch rack or integrating two devices together into 1U high 19inch rack, providing a compact, cost-effective central solution. Furthermore, the card Type, FLU card, could also accommodate into NW- S1000 universal shelf.

Features

- Compact Standalone Design.
- Fiber Mux for 8M transmission plus 4 Fast Ethernet transmission
- 1+1 Fiber optical protection.
- On-board SNMP agent is enable with UNMS control
- On-board Four Fast Ethernet Transmission.
- Flexible E1/T1/V.35 Configuration
- WDM solution is available.
- Clearly Status indicators on front panel
- Diagnostic Loop back function
- High Density FLU card could accommodate up to 14 FOM in NW-S1000.

