



BLACK BOX[®]

NETWORK SERVICES

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Black Box Corporation.

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BROADBAND FIBRE MUX



Transmit E1, Ethernet, and Fast Ethernet over fibre at the same time!

Key Features

- ▶ **Two Ethernet ports 10M and 10/100M, fully isolated at the PHY layer for guaranteed security.**
- ▶ **Four E1/ T1 ports for voice (PBX to PBX) and lower speed / legacy data applications.**
- ▶ **Multi-mode and single mode support.**
- ▶ **Versatile combination desk top and rackmount enclosure.**
- ▶ **19" rackmount width, only 1U high.**
- ▶ **System management with browser interface using external Proxy Server option.**
- ▶ **75-ohm and 120-ohm support.**
- ▶ **Multiple power supply options including AC and -48 VDC (both single or dual).**

The Broadband Fibre Mux, from Black Box Network Services, is a unique fibre optic access multiplexer, and the ideal upgrade for existing users of the Easilink Fibre Optic line extender

(MTU9100ST). It supports the multiplexing of two separate Ethernet interfaces and four E1 / T1 interfaces, for transport over multi-mode or single mode fibre, in a 1U rack mount or desktop enclosure.

Specifications

Speeds: BFast Ethernet port: Full 10-/100-Mbps bandwidth; Ethernet port: Full 10-Mbps bandwidth; E1/PRI ports: 2.048 Mbps.

Connectors: CE1 ports: (4) RJ-48C and (4) dual BNC; Fibre Channel: (1)

pair of SC or ST; Ethernet: (1) RJ-45; Fast Ethernet: (1) RJ-45; RS-232/V.24 control port: (1) RJ-45; Relay contacts: (1) three-way screw terminal.

Power: 90-250 VAC, 50-60 Hz, autosensing.

Size: 4.4H (1U) x 48.3W x 20.5D cm

Ordering Information

| ITEM | CODE |
|-------------------------------------|------------------|
| Broadband Fibre Mux (with E1 Ports) | |
| SC | |
| Single-Mode..... | MXUF004-SC-SM-R2 |
| Multimode..... | MXUF004-SC-MM-R2 |
| ST | |
| Single-Mode..... | MXUF004-ST-SM-R2 |
| Multimode | MXUF004-ST-MM-R2 |



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