



# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

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## Broadband Fibre Mux



*Make full use of fibre links.*

### Key Features

- ▶ Simultaneously supports four E1 feeds, a 10 Mbps feed and a 10/100 Mbps Ethernet feed.
- ▶ Bi-directional, full-duplex bandwidth at full wire speed on each port.
- ▶ Separate Ethernet ports for secure virtual private networks (intranet) and Internet



The BLACK BOX<sup>®</sup> Broadband Fibre Mux gives you a very cost-effective solution for service provision over fibre. This compact unit can take data from four E1 data streams and 10 Mbps and 100 Mbps Ethernet connections at full wire speed and convert and transmit all streams simultaneously over a single pair of fibres.

We offer Single-mode or multimode models with either ST<sup>®</sup> or SC connectors. Single-mode models support distances up to 50 Km.

The muxes also have an RS-232/V.24 port for configuration purposes and a dry contact relay port for connecting external alarms.



### Specifications

#### SPECIFICATIONS

**Speeds** — Fast Ethernet port: Full 10-/100-Mbps bandwidth;  
Ethernet port: Full 10-Mbps bandwidth;  
E1/PRI ports: 2.048 Mbps

**Connectors** — E1 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

**Weight** - 1.32 kg

### Ordering Information

Item	Code
<b>Broadband Fibre Mux (with E1 Ports)</b>	
Broadband Fibre Mux SC Single-mode	MXUF004-SCSM-R2
Broadband Fibre Mux SC multimode	MXUF004-SC-MM-R2
Broadband Fibre Mux ST Single-mode	MXUF004-ST-SM-R2
Broadband Fibre Mux ST multimode	MXUF004-ST-MM-R2

