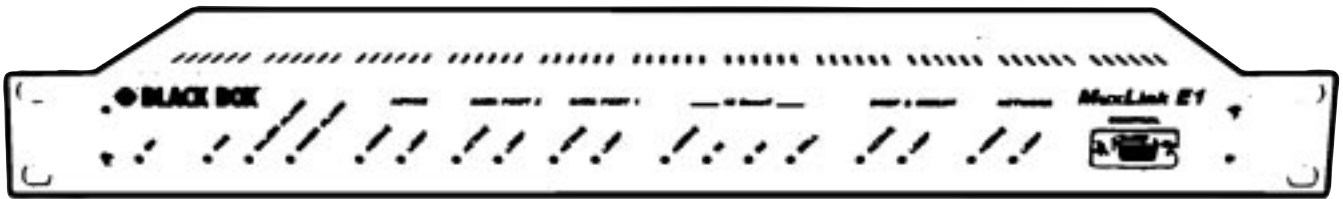


5-Channel Multiplexer



Key Features

- ▶ Low cost 2Mbps E1 Multiplexer
- ▶ 5 ports: 2 data + Ethernet + 1 Drop & Insert + 1 asynchronous
- ▶ nx64Kbps data ports with software selectable interface: V.35 / V.36 / X.21 / RS-232 / RS-449 / RS-485
- ▶ Local and remote management (Built-in SNMP Agent available)
- ▶ 19" case format for rackmount.

2Mb/s E1 Multiplexer. Transmit all your data through a single unit. Link all your data, such as LAN, video, voice, etc, through a single line up to 2 Mb/s. MuxLink has 5 ports for total versatility: 2 data ports (routers, videoconference, etc.) with software selectable interface, 1 Ethernet port with bridge capabilities (link LANs without any additional hardware such as routers, etc.), 1 async. port, and 1 Drop Insert port for PBX connections. Local and remote management through serial port. Optional embedded SNMP Agent with enterprise MIB

Specifications

NETWORK INTERFACE

Line Rate — 2.048 Kb/s
Line Code — AMI/HDB3
Impedance — 120 ohm balanced, 75 ohm unbalanced
Connector — RJ45 (120 ohm), two coax (75 ohm)
Framing Format — Per G.704
Jitter — Per G.823
Pulse Shape — Per G.703

(1) TERMINAL INTERFACE (DROP & INSERT)

Line Rate — 2.048 Kb/s
Line Code — AMI/HDB3
Impedance — 120 ohm balanced, 75 ohm unbalanced
Connector — RJ-45 (120 ohm), two coax (75 ohm)
Framing Format — Per G.704
Jitter — Per G.823
Pulse Shape — Per G.703

(1) 10BASE-T INTERFACE

Speed — 10 Mb/s

Interface — 10 Base-T, IEEE 802.3, normal or Uplink, full or half duplex
Connector — RJ45
Bridge capabilities
Autolearning up to 10.000 addresses
Selectable compression and filtering to increase efficiency

(2) DATA PORT INTERFACE

Bit Rates — 64 to 1984 Kb/s (n x 64)
Electrical — RS-232(V.28), RS-422(X.21), RS-449(V.11), V.35, V.36, X.21 (Software selectable)
Connector — 25-pin D sub, Female (cable adapters for all the above interfaces available)
Interface Type — DCE

ASYNC PORT

Bit Rate — up to 46000 bps
Software selectable async format
Electrical — RS-232
Bit Rate adaption — per V.110

TIMING

Source — internal oscillator, slave clock recovery from Network Interface

MANAGEMENT

For local (master) and remote (slave) multiplexers
Control Port — 9-pin D sub, Female DCE
Rate — 9.600 bps. async.

SNMP Agent (optional)

- RJ-45 Ethernet port
- MIB II (RFC 1213)
- E1 MIB (RFC 1406)
- Enterprise MIB

LEDS INDICATORS

General — Power, Management, Major Alarm and Minor Alarm
Network Interface — Active, Loop D & I Interface — Active, Loop
10Base-T Interface — Active, Lan TX, Lan RX, Collision
Data Port Interface — Active, Loop

Async. port — Active, Loop

LOOP TESTS

Remote loopback
Local loopback
Terminal loopback (D & I)
Data port loopback

PERFORMANCE MONITORING

Last 24 hours of data in 15 minutes increments
Last 7 days of data in 24-hour increments

ALARMS

SNMP Traps via Ethernet Port (optional)
Led indicators

PHYSICAL

Dimensions — 1U 19" rackmount case (H 42mm, W 425mm, D 163mm)

ENVIRONMENT

Temperature — 0° to 60° C
Humidity — 5% to 90% RH, non-condensating

Black Box Network Services - The world's largest network services company

We are, with 25 years of experience, the world leader in network infrastructure services.

On the Phone — no charge, answer calls in less than 20 seconds, find the right product with our technical experts.

On-site — superior design and engineering, Certified installations, end-to-end service.

On-line — receive technical knowledge on-line, including technology overviews, BLACK BOX Explains and the Knowledge Box.

Most comprehensive TECHNICAL SUPPORT — our best Product! Free hotline TECH SUPPORT!

The world's best customer service — Custom design services and products, the best warranties, money-saving discount programs.

BLACK BOX exclusives — Certification Plus. Guaranteed-for-life products and services.

Ordering information

ITEM

CODE

MuxLink MDSE1-MUX