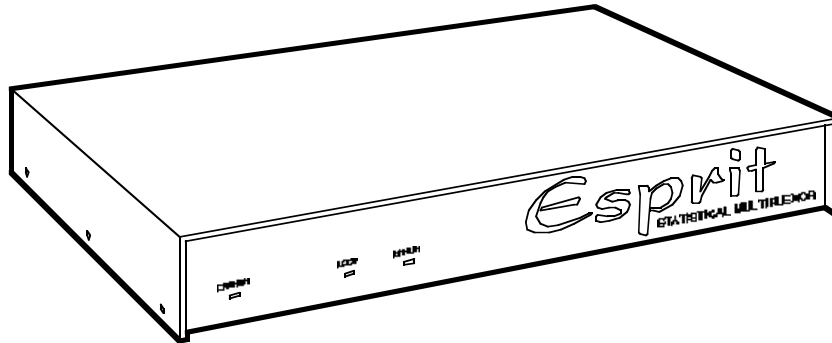


BLACK BOX[®]

NETWORK SERVICES

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Esprit Stat Muxes



The super-speedy multiplexor that's available with 8 or 16 channels and your choice of interface.

Specifications

Channel Diagnostics — Local/Remote QBF and Data Loopbacks

Clock Source — External/Internal up to 256 Kbps

Configuration — DCE

Data Format — 7 or 8 bit asynchronous data; Odd, even, or no parity; 1, 1.5, or 2 stop bits; Formats may be set differently for local and remote units

Link Control — DTR dialing for modem

Maximum Aggregate Data Input — MXU9091: 307.7 Kbps; MXU9092: 1.84 Mbps

Maximum Channel Data Rate — MXU9091: 38.4 Kbps; MXU9092: 115.2 Kbps

Multiplexing Technique — Packet-interleaved variable frame

Sync Data Rates (Link Rate) — MXU9091: Up to 64 Kbps; MXU9092: Up to 256 Kbps

Transmission Modes — HDLC, with 16-bit CRC and automatic retransmission of error blocks

Interface — MXU9091, MXU9092: X.21 X.21 is standard (V.35 or V.24 with adaptor cable and internal jumper setup)

Connectors — (8) or (16) RJ-45 female, (1) DB15 female composite

Indicators — Carrier, Loop, Error

Operating Temperature — 0 to 40° C

Storage Temperature — -10 to +60° C

Humidity Tolerance — 5 to 90%, noncondensing

Power — Internal power supply; 100 to 240 VAC, 50 to 60 Hz

Size — 6H x 43.7W x 27.5Dcm (2.4"H x 17.2"W x 10.8"D)

Weight — 6.6 lb. (3 kg)

Finally—a multiplexor that's fast enough to keep up with you! The Esprit Stat Mux, when used with your dialup modems and leased lines, delivers a composite throughput of 64 Kbps (for the 8-channel model) or 256 Kbps (16-channel model).

Channel speeds are fast, too—up to 38.4 Kbps for the 8-channel model, 115.2 Kbps for the 16-channel model—up to a maximum aggregate data-input rate of 307.7 Kbps or 1.84 Mbps.

Configure the mux from either end of the link, using a terminal or a PC running an emulation package.

Unrestricted speed conversions are also possible by setting different data rates at the local and remote sites. Individual channels can be looped back locally or back from the remote Mux.

The back-panel composite port is set up as a DTE interface. It can either provide internal clocking up to 256 Kbps or accept external clocking. The composite link can also be put in local loopback mode, looping all data back to the receiver.

Other features include flash programming and static-tolerant interface components.

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
Esprit Stat Mux	
8-Channel X.21	MXU9091
16-Channel X.21	MXU9092

For RS232/V.24 or V.35 composite interface you will need:
V.24 Composite cableEHU9091-V24
V.35 Composite cableEHU9091-V35