BLACK BOX®
NETWORK SERVICES

MicroMux G.704

Key Features

▶ Managed structured E1 connectivity including remote management

▶ Configurable for managed clear channel operation

▶ Both 75 Ω and 120 Ω connectivity in one unit

▶ Multiple power supply options including –48VDC

▶ Low cost

A derivative of the highly successful MicroMux SP-3, the MicroMux G.704 has been engineered to reduce cost in this expanding sector of the market, and thus enhance Fourthtrack Systems' position as the market's leading provider of G.703 / G.704 interface converters.

The MicroMux G.704 can support fractional E1 data rates, at any Nx64k data rate, and with any combination of time slot assignments. CRC4 can be enabled / disabled. It can also support clear channel 2048kbit/s operation with local management, acting as a managed ver-

sion of the MicroMux G.703.
The MicroMux G.704 supports X.21, EIA530, RS449 and V.35 interfaces as standard, including support for the external terminal timing signal. An engineer can change the configuration in the field.

The MicroMux G.704 supports 75 Ω un-balanced and 120 Ω balanced G.703 connection, selection of which is by way of two externally accessible switches and use of either the BNC connections (un-balanced) or the RJ45 connection (balanced).

An RJ45 async terminal port provides the management interface.

Specifications

Input Port — DB15 female connector
Optional support for EIA530, RS449 and V.35 using external adapter cables
Use of external terminal timing signal EIA530/RS449 (management selectable)
Local loop back option (management selectable)

Output Port — G.703 overlaid with G.704 framing for rate adaption, with support for use of recovered clock or internal master clock (management selectable)
Twin co-ax BNC (75 Ω) and RJ45 socket (120 Ω)
Remote loop back option (management selectable)

Data rates — Nx64k with any from N=1 to N=32 (N=32 is clear channel mode)

Status indicators —
Green LED for power status
Green LED for carrier line status
Amber LED for clock master enabled
Amber LED for loop back enabled
Amber LED for terminal timing enabled

Power supply — Internal auto-ranging power supply 90~260VAC, 60/50Hz (-48VDC optional)

Dimensions — 195 mm x 121mm (138mm over connectors) x 45mm

Weight — 1Kg (approx.)

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Ordering information

ITEM	CODE
MicroMux G.704 . . . . .MTU9005	

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

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