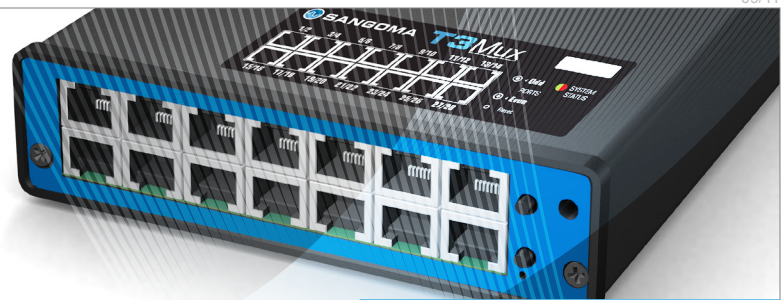


# T3Mux



## M13 Multiplexer

## T3Mux M13 Multiplexer

Introducing Sangoma's new M13 multiplexer that can rearrange a DS3 framing signal into 28 T1 framing. Sangoma offers this cost-effective and reliable solution, consistent with the quality and affordability of its other product families.

As demand and bandwidth needs increase in today's telecommunications and data network. Large economies of scale can be achieved by substituting multiple single T1 trunks with a single DS3. A DS3 will reduce overall expenses and control costs by combining data and voice applications over one circuit. Depending on the market, the benefits can be reaped as soon as you subscribe to more than 8 T1 circuits simultaneously.

The T3Mux is a M13 Multiplexer that interfaces with the DS3 network via two BNC coaxial connectors, one for Rx (Input) and one for Tx (Output). The T1 connectors are RJ48, there are two T1 ports per connector, each in a DSX pinout.

The T3Mux offers a simplified and user-friendly management console accessible via Ethernet or RS232. It features a VT100 terminal interface for system management, DS1 and DS3 Interface configuration.

## TECHNICAL SPECS

### Interfaces

DS3, T1, Ethernet, RS-232

### Connectors

BNC Coax, RJ-45, RS-232 DB-9

### Power Requirements

2A @ 5V (10W) via external power supply

### Operating Temperature Range

Temperature range: 0–50°C

### Warranty

5-year warranty with product registration

## ORDERING INFO

Item	SKU
T3Mux multiplexer	T3MUX
T3 coax cables (Tx and Rx pair)	CABL-646
Dual T1 port-splitter cable	CABL-630
Dual T1 cable	CABL-614G

## HIGHLIGHTS

- › Cost-effective DS3 bandwidth consolidation
- › M13 and C-bit signaling support
- › External DS3 clock option
- › Simple configuration via ethernet or RS232
- › B8ZS and AMI DS1 signaling support
- › Industry standard CSU and NIU loopback codes

## BENEFITS

- › Rate stability
- › Improved response time
- › Timely provisioning
- › Responsive service and repair
- › Flexible customer solutions
- › Reliability
- › Security

