Tahoe 289

E3/T3/STS-1 / 10/100Base-T Ethernet Converter (bridge)

The Tahoe 289 converter allows connecting two LANs over an E3, T3 or STS-1 link.

These converters are a cost-effective alternative to the expensive E3/T3/STS-1 routers. They do not require any additional configuration - you just plug in the WAN and LAN links.

The converters work as a transparent bridge between two LANs, forwarding both regular and VLAN traffic at theoretical rate of 150.000 packets per second. They utilize whole available bandwidth without the overhead associated with the ATM technology.

Throughput

34.368 Mbps (E3)
44.736 Mbps (T3)
51.840 Mbps (STS-1)

WAN Interface

• unframed
• unbalanced 75 Ω
• BNC (coaxial) connectors

LAN Interface

• Ethernet 10/100 Base-T
• 802.1q VLAN support

Features

• automatic 10/100 Base-T link negotiation
• E3/T3/STS-1 link state LED
• WAN and LAN activity LEDs

Technical Details:

Processor	ARM
Memory	8MB SDRAM
Efficiency	do 150.000 packets per second
E3/T3/STS-1 Interface	two BNC (coaxial) connectors (unbalanced 75 Ω)
WAN Protocol	HDLC
Dimensions	200 mm (width) x 130 mm (lenght) x 45 mm (height)
Power Supply	external 100-240V/50-60Hz power supply included

optional 48 VDC power supply |