

## Prisma DT™ Model 2533 Triple DS-3 Interface Module

### Description

The Model 2533 Triple DS-3 Interface Module allows Prisma DT™ Digital Transport System to transport DS-3 signals over the Prisma DT SONET/SDH network. Each Model 2533 Interface Module will map three full-duplex DS-3 signals into one SONET STS-3C (SDH STM-1) channel. The DS-3 channels can be used in the full duplex point-to-point mode for traditional time-division multiplexed telephone signals, or can be used for broadcast carriage (one way drop and continue) distribution of signals (such as MPEG-2 in DS-3) from headends to multiple hub locations.

In addition to front panel LEDs and local manual provisioning switches, the DS-3 modules can be fully monitored and provisioned via TNCS or an SNMP Element Manager.

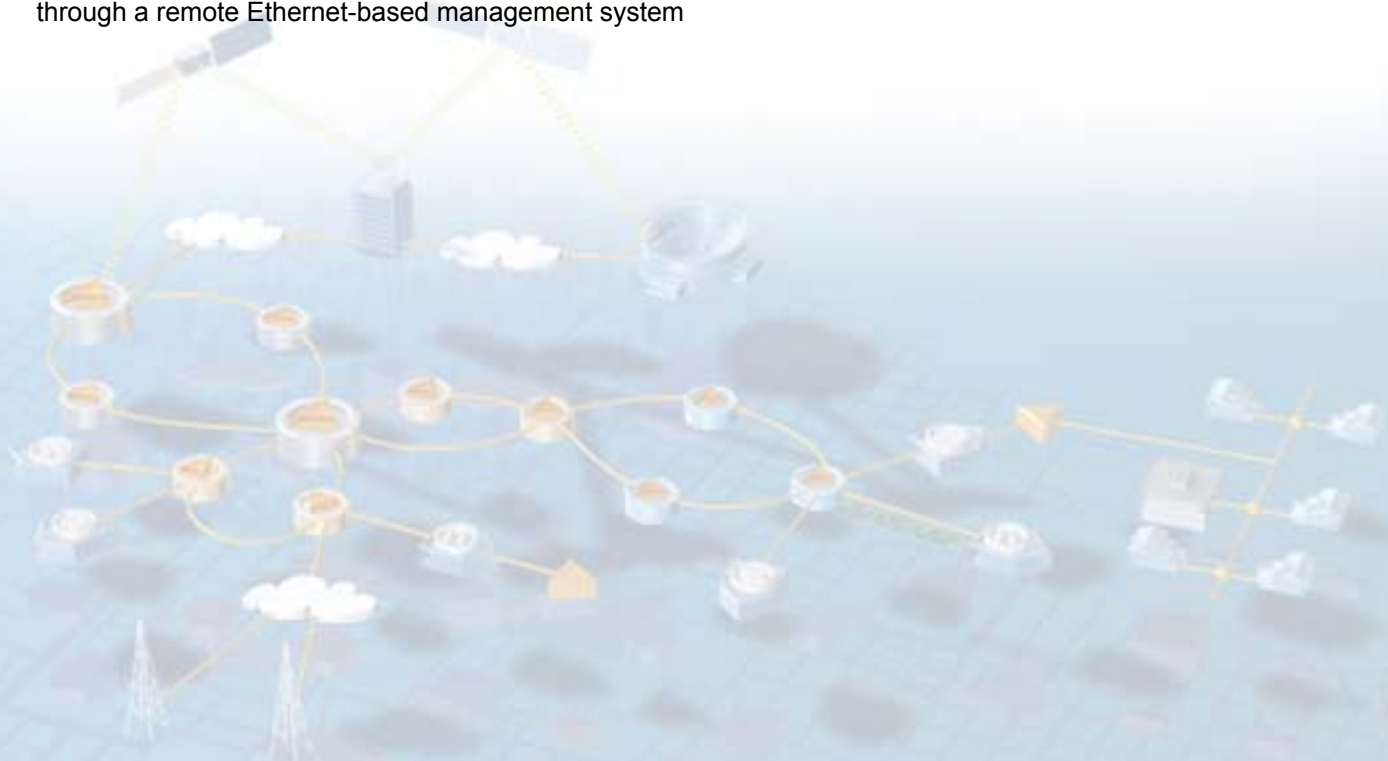


### Applications

- Regional transport of broadcast digital video to multiple remote headends
- Traditional point-to-point time-division multiplexed telephone service interconnect

### Features

- Each module maps 3 distinct full-duplex DS-3 signals into a SONET STS-3c channel
- Easy to read front panel indicators and simple to use on-board provisioning switches
- Remote provisioning, control, and status monitoring information provided in SNMP MIB format and accessed through a remote Ethernet-based management system



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## Specifications

Bit Rate	44.736 Mbps $\pm$ 20 ppm
Signal Format	B3ZS line coding
Output Levels	Single: LBO OFF - TXLEVEL Avg = +2.6 dBm LBO ON - TXLEVEL Avg = +3.4 dBm
Input Levels (Dynamic Range Approx. 28 dB)	Single: RXLEVEL Min = -21.4 dBm (Sensitivity) RXLEVEL Max = +7.2 dBm
Output Pulse Waveform	Meets DSX cross connect frame mask requirements (ANSI Standard T1.102-1993)
Output Line Build Out	0 to 450 ft., On card dip switch selectable or software selectable via Element Manager (TNCS or SNMP)
Input Line Build Out	0 to 450 ft., automatic
Output Impedance	75 ohms $\pm$ 5%, balanced
Input Impedance	75 ohms $\pm$ 5%, balanced
Jitter Performance	Meets Bellcore TR-TSY-000499
Jitter Tolerance	Meets Bellcore TR-TSY-000499
Connector	Female 75 ohm BNC via rear connector panel

## Ordering Information

Description	Model Number	Part Number
Triple DS-3 Interface Module	2533	545494



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