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Pseudowire Gateway

MX408e

Low-profile, High-density PWE3 Solution

Product Specifications

Customer Access Interfaces

T1 Interfaces

- Interface type: DSX-1
- Connectors: 8x RJ-48
- Line build out: 0 to 655 feet
- Line rate: 1.544 Mbps
- Line code: AMI, B8ZS
- Framing: ESF, D4, Unframed

T1/E1 Interfaces

- Connectors: 8xRJ-48 (120 Ω Balanced)
- Line rate: 2.048 Mbps
- Line code: HDB3 or AMI
- Framing: CAS, CCS, Unframed
- Compliance: ITU G.703, G.704

10/100Base-T Ethernet Interfaces

- Interface type: 10/100Base-T
- Connectors: 4x RJ-45
- Compliance: IEEE 802.3, 802.1D, 802.1Q

Network Uplink Interfaces

10/100Base-T Ethernet Interface

- Interface type: 10/100Base-T
- Connector: Single RJ-45
- Compliance: IEEE 802.3, 802.1D, 802.1Q

Gigabit Ethernet Interface

- Interface type: 1000Base-X
- Connector: Single SFP
- Compliance: IEEE 802.3, 802.1D, 802.1Q

T1/E1-based Pseudowire

T1/E1 Interfaces

- Structure-agnostic: IETF RFC 4553 Structure-Agnostic Time division multiplexing over Packet (SAToP)
- Structure-aware: IETF draft- Vainshtein circuit-emulation services over packet-switched network (CESoPSN) pseudowire support
- Jitter Buffer: Programmable up to 100 milliseconds
- Automatic Jitter Buffer Adjustment: Optimizes jitter buffer settings based on observed packet jitter in delivery network

QoS Management

- Layer 2 Marking: 802.1Q VLAN tagging per emulated T1
- Compliance: IEEE 802.1D, 802.1Q
- Maximum simultaneous VLANs: 256
- Class of Service: 4 Priority Levels
- Diffserv code point marking

Mechanical

Dimensions

- 1.7H x 7.7D x 17.1W (in.)
- 44H x 196D x 435W (mm)

Weight

- 8 lbs. (3.6 kg)

Alarms

- External alarm contacts for critical, major and minor alarms
- Normally open and normally closed pinouts
- 4 Auxiliary Input pins

Electrical

- Power: $\pm$ 24 VDC or -48 VDC, 20 Watts

Regulatory Standards

- NEBS Level 3
- UL 60950 and ETL
- IEC/EN 60950 RoHS compliance

Management

VT100 Interface

- EIA-232 compatible, female DB-9 connector
- Embedded CLI access

Remote Management

Management VLAN

- Telnet access of up to 6 simultaneous users

SNMP

- Supported MIBs: RFC1213, RFC2863, RFC3635, RFC4188, RFC4363, ADTRAN Enterprise MIB

Environment

- Operating Temperature: -40°C to 65 °C
- Storage Temperature: -40°C to 85 °C
- Relative Humidity: GR-63-CORE

Ordering Information

Equipment	Part #
MX408e (T1/E1)	1189608L1
MX408e (T1/E1, RoHS)	1189608G1
AC Power Supply	1175043L3

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Adtran Mx408e User Guide

KJ Lindholm-Leary



Adtran Mx408e User Guide:

The Enigmatic Realm of **Adtran Mx408e User Guide**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Adtran Mx408e User Guide** a literary masterpiece penned with a renowned author, readers embark on a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting effect on the hearts and minds of those that partake in its reading experience.

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