



Z H O N E

EBS Line Card

MALC-EBS-TDM/PKT-24

- ✓ *Supports P-Phone voice*
- ✓ *TDM or Packet*
- ✓ *Full support of P-Phone features*

24 port line card for Nortel Electronic Business Set (P-Phone) telephones.

The EBS MALC line card provides 24 ports which can be connected to Nortel Electronic Business Set telephones. More commonly known as P-Phone, EBS telephones are deployed throughout the world in business environments. The EBS line card supports both TDM voice and packet voice.

In TDM mode GR-303 groups with EBS support connect to the MALC uplink/controller card with integrated T1's, the MALC-UPLINK-2-FE/GE-TDM. This FE/GE-TDM uplink card supports Gigabit Ethernet packet uplinks and T1/E1 interfaces allowing the MALC to support both packet and TDM applications simultaneously.

In packet mode the GR-303 groups with EBS support are connected to a MALC Voice Gateway card in the Central Office (CO). The Voice Gateway converts the TDM voice to packet voice which can be converted back to EBS voice at a remote location. This configuration allows EBS support in locations where T1's are not currently present.

All EBS features available on the switch are available through the MALC.

Technical Specifications

Power

- DC: -43.75V to -62V
- Dual (A / B redundant) power feeds
- Powered from MALC chassis

Interfaces

- front-panel 50-pin Amphenol supporting 24 pairs.

Voice Support

- Nortel EBS

Management

- ZMS (Zhone Management System) via SNMPv2c for GUI and CORBA IDL machine interface
- Terminal for Command Line Interface (CLI)
- Out-band IP via 10/100 Ethernet
- MALC Web UI

Bandwidth/Distance

- Supports EBS sets at a distance of up to 15,000 feet (4,570 meters)

Operating Requirements

- Temperature: -40°C to 65°C
- Non operating temperature: -40°F to 158°F (-40°C to 70°C)
- Humidity: Up to 85%, non-condensing
- Altitude: -200ft to 16,500ft (-60m to 5,000m)

Ordering Information

MALC-EBS-TDM/PKT-24

MALC 24 PORT EBS LINE CARD (P-PHONE)



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