SKU: 0101-0008
Category:

Datalink Processor (DLP) Plug-in Card

The Tellabs MSAP Datalink Processor (DLP) plug-in card provides Embedded Operations Channel (EOC) and Time Slot Management Channel (TMC) management and software and hardware processing capability for a Telcordia GR-303 64 Kbps datalink to the Tellabs 1000 MSAP. For GR-303 operation, the DLP card operates with T-1 transceivers to terminate the GR-303 switch interface groups.

Features

- GR-303 64 Kbps datalink with EOC and TMC
- Software downloadable
- One to 28 DS-1s distributed among up to three discrete GR-303 groups
- One DLP required per Tellabs 1000 MSA system (hot standby option available)
- Operates with all Tellabs 1000 MSA transceivers (T-1, E-1, xDSL, fiber and wireless)

Highlights

Purpose built

The DLP card is a common control unit used in the Local Exchange Terminal (LET). The DLP unit is installed in any general purpose slot in the primary shelf of the terminal hosting the GR-303 interface. Only one DLP card is required for GR-303 operation, and the DLP may also be deployed redundantly for hot standby capability.

Software downloadable

The DLP card is software downloadable for future GR-303 feature expansion.

Transport choices

For GR-303 operation, this card operates with all Tellabs 1000 MSA transceivers (T-1, E-1, xDSL, fiber and wireless) to terminate the GR-303 switch interface groups.

High capacity

The DLP for GR-303 supports one to 28 DS-1s, independent of the number of DLP cards in the system. The card supports network configurations in five wide star configurations with 15 terminals in a network.

Specifications

Physical

- Height: 5.125 in (13.018 cm)
- Width: 0.563 in (1.429 cm)
- Depth: 10.5 in (26.67 cm)
- Weight: 0.5 lb (0.23 kg)

Interfaces

Power Consumption

- Typical power consumption: 3.4 W

Digital Data Ports

- Synchronous RS-232 port: Data rate selectable
- Asynchronous RS-232 port: Data rate selectable
- Asynchronous RS-422 port: Data rate selectable

Environmentals

- Operating temperature: -40 F to +149 F (-40 C to +65 C)
- Relative humidity: 5%-95% noncondensing

Compliance
- •TR-TSY-000465

General

ED Indicators
- •Red FAIL – the card is in a failed state and unable to function
- •Red FAIL at bootup – DLP is initializing
- •Green ACTV/STBY – the DLP card is active and functioning properly
- •Flashing Green ACTV/STBY – GR-303 group is provisioned and the database is initializing
- •Yellow ACTV/STBY – the DLP card is in standby mode
- •Flashing Yellow ACTV/STBY – no GR-303 groups are provisioned in the system

Management
- •Tellabs Panorama Element Management System (EMS)
- •Craft User Interface (CUI)

Software Support
- •Minimum base software FP15 and higher

Installations
- •Supported in Tellabs 1000 CBA