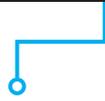# IMACS Optical HSU Card

Features

- Four independent IEEE C37.94 Optical transmit and receive pairs.
- Optical interfaces ideal for substation environments
- Up to eight cards per shelf
- Transmits up to 5 kilometers

Overview

Building upon the success of its predecessor the PRM-823760 two-port Optical HSU card, DZS has developed a double capacity Optical HSU, the four port PRM-8238 cards which operates with 820nm multi-mode fiber connections.

The 8938 card conforms to IEEE C37.94 with four ST optical connectors on the front of the card for N times 64 kbps interface capability. Each optical port contains both transmit and receive fiber connectors along with a status LED. Transmitter LED is turned off when the port is placed into standby mode.

Each transmit and receive optical pair can contain up to twelve contiguous synchronous TDM timeslots. IMACS systems can contain up to eight 4-port OHSU User cards. The PRM-8238 cards are compatible with all IMACS shelf offerings, the IMACS-600, IMACS-800, IMACS-900, IMACS 8000 and the IMACS 3000 Chassis. Requires minimum CPU Host Code level 6.3.0 or 7.2.0.

Specifications

WEIGHT & DIMENSIONS

- 8" x 7.5" (20cm x 18.75cm)
- .75 lbs (.34kg)

POWER

- 4.3 Watts, 14.7 BTU/hr
- TX and RX power for 62.5/125µm 820 mm fiber: Min=-19.1 Typ=-14.0 Max= -11.6

INTERFACES

- 8 individual ST connectors with covers, 2 per port

STANDARDS SUPPORT

- IEEE C37.94

ENVIRONMENTAL

- Operating Temperature: 32°F to 149°F (0°C to 65°C)
- Storage temperature: 32°F to 158°F (0°C to 70°C)
- Humidity: Up to 85%, non-condensing
- Altitude: -200ft to 16,500ft (-60m to 5,000m)

Ordering Information

MODEL	DESCRIPTION
PRM-823970	IMACS, OPTICAL HSU, 4 PORT, 820NM, MULTIMODE
8000-OHSU-4P	IMACS 8000, OPTICAL HSU, 4 PORT, 820NM, MULTIMODE

DZS | EVERY CONNECTION MATTERS™