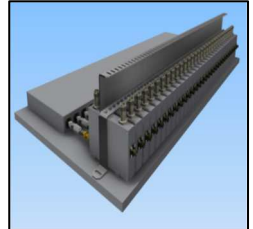


Product Description:

EGSE CALIBRATOR

L Band EGSE Calibrator



Description:

- The system is an in-line calibration network operating in the L-band. Through the calibrator it is possible to take into account the contributions of the set up during the characterization of the performances of the down link signals.
- The calibrator consists of a 32-output phase divider, Phase Shifter and High power directional coupler. The system can handle signals up to 50W CW.
- Mechanical description:
The mechanical structure consists of an aluminum platform on which the 32-way RF divider, the Phase Shifters and the directional couplers are housed.

Key Specifications:

- | | |
|------------------------------|---------------|
| • Frequency Range | 1.1 – 1.8 GHz |
| • Input / Output Impedence | 50 Ohm |
| • Input / Output Return Loss | 20 dB min. |
| • Insertion Loss | 1.2 dB typ. |
| • Amplitude Flatness | 0.2 dB |
| • Amplitude Balance | 0.15 dB |
| • Phase Balance | 1 Degree |
| • Isolation Adjacent Port | 25 dB min. |
| • Isolation Opposite Port | 50 dB min. |