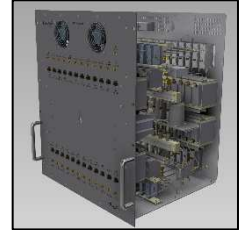


Product Description:

RF ATE

L Band RF ATE



Description:

- The system is a calibration and distribution network of RF signals from/to the satellite and the measurement system that operates in the L band, it is equipped with a set of phase-stable coaxial cables to allow easy interconnection with the DUT.
- The input lines are equipped with a wide-band RF Tapper (40GHz) for feedback of the signals in transit and a programmable delay line.
- Furthermore, the system is equipped with a white noise generator and a programmable attenuator to vary the level of noise to be introduced. The device is managed via LAN.
- Mechanical description:
The mechanical structure consists of a 19" 10U aluminum drawer in which all the RF components, the power supply and the control board are housed.
The cooling system consists of 2 fans suitable for extracting hot air.

Key Specifications

- | | |
|------------------------------|---------------|
| • Frequency Range | 1.0 ÷ 2.0 GHz |
| • Input / Output Impedance | 50 Ohm |
| • Input / Output Return Loss | 20 dB min. |
| • Phase Balance | 1 Degree |

RF Tapper

- | | |
|------------------------------|--------------|
| • Frequency Range | 1.0 ÷ 40 GHz |
| • Input / Output Impedance | 50 Ohm |
| • Input / Output Return Loss | 16 dB min. |