

Portable Ka Band Loop Test Translator



FEATURES

- Output attenuator
 - Low Phase Noise Contribution
 - Weather Resistant Enclosure
 - Lock Alarm Indication
 - Optional RS 485
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Functional Specifications for Model LTT-9800-22-P1

Input

Input Frequency	30.00-31.00 GHz
Input Connector	K Female
Input Level	10 dBm Max
Input Impedance	50 ohms
Input VSWR	1.5:1

Output

Output Frequency	20.20-21.20 GHz
Output Connector	K Female
Output Impedance	50 ohms
Output VSWR	1.4:1

Functional

Gain	-30 dB nominal
Gain Flatness	± 0.4 dB maximum/40 MHz
Level Control	30 dB
Spurious	-60 dBc Signal related in band -60 dBm Non Signal Related in band

Local Oscillator

LO Frequency	9800 MHz
Frequency Stability	± 1 ppm
Phase Noise	-75 dBc @ 1 KHz offset -85 dBc @ 10 KHz offset -95 dBc @ 100 KHz offset

Other Specifications

Size	19.2 x 15.2 x 7.3 inches
Temperature Range	-20 to +50° C
Inside Panel Functions	Power On/Off Illuminated SW Output Attenuator Lock Alarm Indicator AC Input adapter with fuse RF Input connector (K Female) RF Output connector (K Female)
