

Product Specification Summary

Ka Band/L-Band Up Transceivers

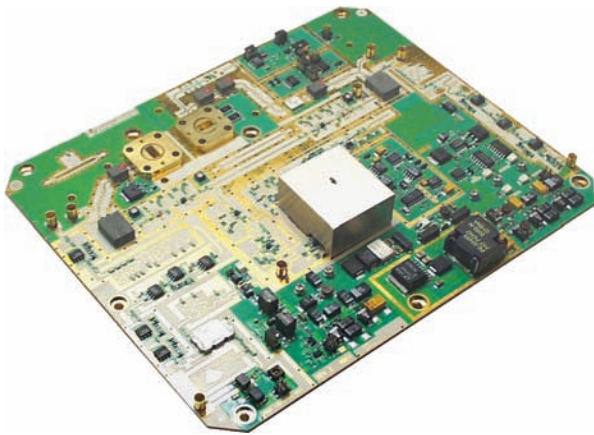
Model 10124

Description

Narda's Model 10124 is a transceiver developed for LMDS applications. It employs a low cost design utilizing SMT components on a single printed circuit board. The unit contains an up converter/ RF transmitter, RF receiver/ down converter, local oscillator, and conditioning electronics. It provides four RF I/O ports: two WER-28 waveguide interfaces millimeter wave transmit and receiver signals and two SMA for transmit and receive IF signals.

Key features/applications

- Millimeter wave transceiver
- Integrated Waveguide Transitions
- Low cost single PC board construction using SMT components
- Integral Rugged PLDRO based LO
- Low Phase Noise
- Excellent microphonic and phase hit integrity
- High TX/RX Isolation



Single Printed Circuit Board design



Rugged Functional package

Specification	Transmitter	Receiver
Input Frequency Range	1590 to 1950 MHz	27.35 to 27.86 GHz
Output Frequency range	27.99 to 38.35 GHz	950 to 1460 MHz
Output	+24 dBm	
Rx Conversion Gain		37 dB
Rx Noise Figure		6.5 dB

Please consult the factory for detailed product specifications.

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