

K-BAND LOW NOISE AMPLIFIER

- **SMALL SIZE**
- **LOW NOISE**
- **LOW POWER CONSUMPTION**
- **HIGH RELIABILITY**

This low noise amplifier is intended for use in modern solid state communication equipment, where high reliability microwave signal amplification, high dynamic range are important factors. Typical applications are in terrestrial applications.

Electrical characteristics:

Frequency Band	17700-19700 MHz
RF Gain	33 dB
Gain Flatness	± 0.8 dB
Gain Stability	± 0.5 dB / day max.
Input Noise Temperature	typ 100K, max. 150K
Input VSWR	typ 1.8:1, max 2: 1
Output VSWR	max. 1.6 : 1
1dB Compression	+14 dBm typ.
Power Supply	+6...+12V DC, 85 mA max. (Soldered plug)
RF Connectors	Waveguide Input (WR42) / SMA female Output
Housing	Waterproof
Operating Temperature Range	-30°C ... +60°C

Specifications are subject to change without notice.

Outline dimensions (mm):

