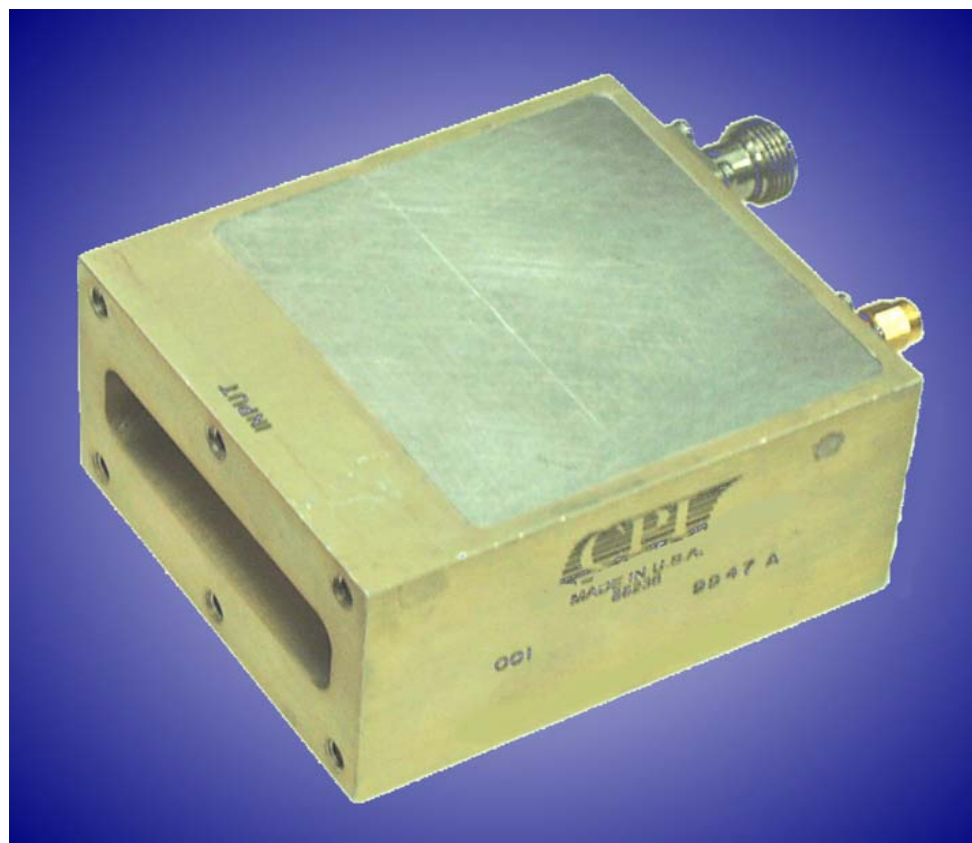


# BLP1714 Limiter Amplifier



## Description:

This is an assembly of an S-Band solid state diode limiter and a Low Noise Amplifier (LNA) .

## Features:

- **Freq. Range:** 2.8 - 3.1 GHz
- **Overload Input Power:**  
500 W peak, 250  $\mu$ Sec pulsewidth, 275 Hz
- **Gain @ 25 °C:**  $30 \pm 0.25$  dB
- **Phase Match:**  $\pm 10$  degrees
- **Noise Figure:**  
T  $\leq$  25°C: 1.5 dB max  
T > 25°C: 1.75 dB max
- **Compression:** 1dB max @ -18 dBm
- **Gain Recovery (1 dB):** 8 uSec max
- **VSWR:** 1.5:1 max
- **Input:** Waveguide
- **Output:** Type N Female
- **DC Input Connector:** SMA Male
- **DC Supply:** + 15V  $\pm$  2 V @ 200 mA max

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