

The **SM2325-53LD** is a 2300-2500 MHz* LDMOS amplifier designed for multiple wireless communications and RF heating applications in medical devices.

Features

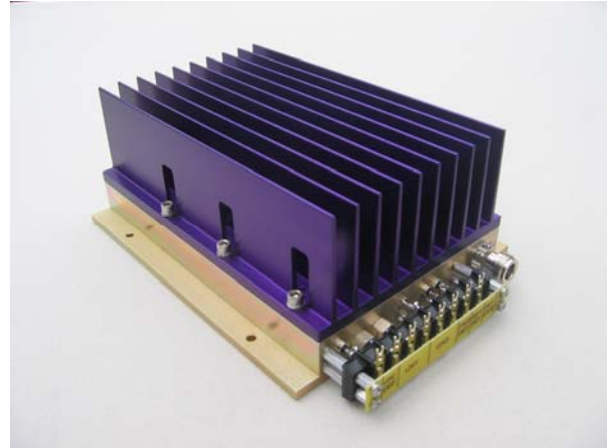
- Mis-Match Protected
- Single Power Supply
- Temperature Compensation

Options

- Forward/Reverse Power Detection
- Logic On/Off Control
- Heatsink

Configurations

- Module
- 19" Rack



Parameter	Specification
Frequency Range	2300-2500 MHz
RF Power @ 1dB compression point	53dBm
Linear Gain	60 dB \pm 1 dB**
Gain Flatness over Full Band	\pm .5 dB
Input VSWR	-14 dB
Output VSWR	-18 dB
DC Input Voltage	+ 28 Volts
DC Current Operating	20 Amperes @ +53dBm (max.)
Mechanical Dimensions Without Heatsink	8.0 x 4.0 x .8 inches
RF Connectors	SMA Female
Operating Temperature	-30° C to +85° C
Operating Humidity	95% Non-condensing
Operating Altitude	Up to 10,000 feet above Sea Level

* Module optimized in 100 MHz bands per customer requirements

**Adjustable per customer requirements

DIMENSIONS IN INCHES

