

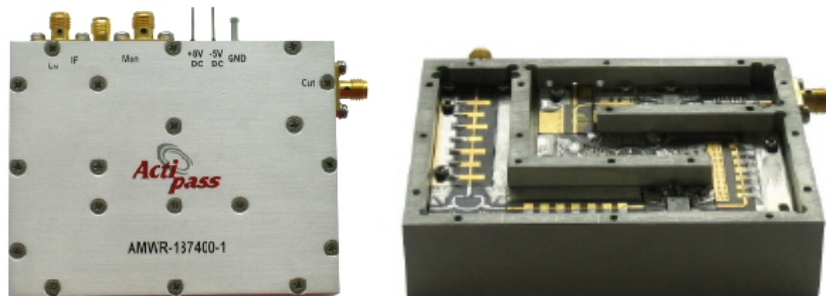
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## 18GHz RECEIVER



### ▢ Description

AMWR series are receiver module of 18GHz band. It converts 18GHz band to IF frequency of 2GHz band (option 1GHz band) and has the circuit of IF Amplifier (AGC circuit). Moreover, local osc. of this module has the function of multiplying 2 by input frequency of 8~9GHz band.

### ▢ Applications

- ▣ Satellite Communication
- ▣ Short Haul Video & Digital Transmission system
- ▣ Mobile Repeater System
- ▣ Wireless Private System
- ▣ Others

### ▢ Specifications

Parameters	AMWR-187400
RF Frequency Band [GHz]	17.7 ~ 19.7
Noise Figure [dB]	3.5 typ. (4 max..)
IF Frequency [MHz]	2000 ± 400 / 800 ± 400 (Option)
IF Output Power [dBm]	-10 nominal (variable)
AGC [dB]	30
Local Frequency [GHz]	8 ~ 9
Supply Voltage	+8(-5) Vdc-400mA (max..)
In/Out Connector	SMA(F)
Operating Temperature [°C]	-30 ~ +60
Dimension (WxLxH) [mm]	70 x 90 x 25 max.

\* The specification can be modified upon buyer's requests.

\* All specifications are subject to change without notice.

\* The latest specifications are available at [www.actipass.com](http://www.actipass.com)