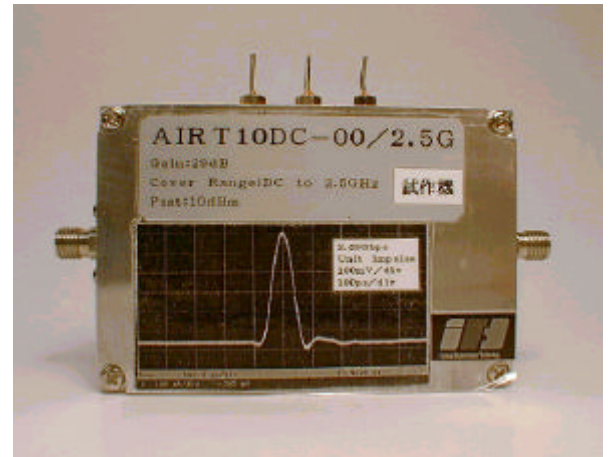


# AIRT10DC-00/2.5G

## Low power DC amplifier

- True DC linear pulse amplifier
- High end frequency ; 2.5GHz
- Low power (+8dBm) drive
- Low noise figure (<7dB)
- Medium gain (28dB)
- Low power consumption



### Electrical specification

Bandwidth	DC to 2.5GHz
Gain	28+/-1dB
Gain ripple relative to gain slope	+/-1dB
Temperature coefficient	-0.05dB/deg
Operating temperature range	5deg to +60deg
Output power at 1dB compression	8dBm
Input return loss	<-10dB
Output return loss	<-10dB
Rise time	150ps
Overshoot	2%
Noise figure	<7dB
Supply voltage	+10V/250mA, -10V/20mA
Dimensions	50mm X 70mm X 19mm

