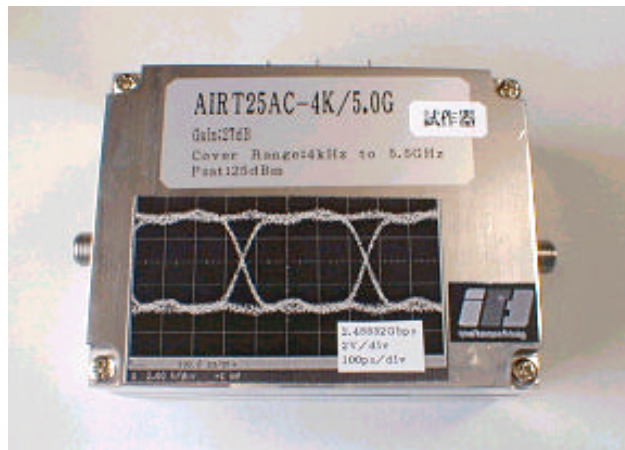


# AIRT25AC-4K/5.0G

## High power broadband amplifier

- Ultra wideband linear amplifier
- High end frequency ; 5.0GHz
- High power (+25dBm) drive
- Low noise figure (<7dB)
- Medium gain (27dB)
- Low power consumption



### Electrical specification

Bandwidth	4kHz to 5.0GHz
Gain	27+/-2dB
Gain ripple relative to gain slope	+/-2dB
Temperature coefficient	-0.05dB/deg
Operating temperature range	5deg to +60deg
Output power at 1dB compression	25dBm
Input return loss	<-6dB
Output return loss	<-10dB
Rise time	70ps
Overshoot	2%
Noise figure	<7dB
Supply voltage	+10V/300mA, -2V/20mA
Dimensions	50mm X 70mm X 38mm

