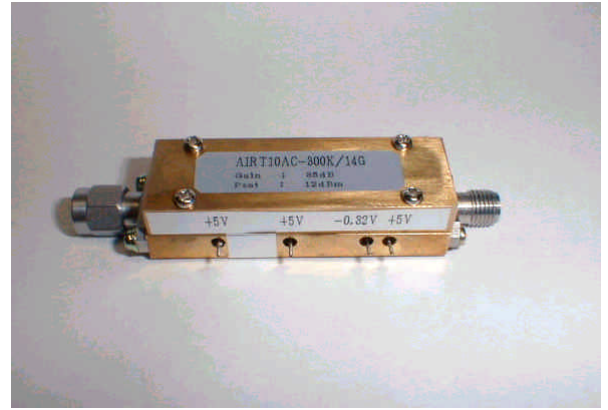


# AIRT10AC-300K/14G

## Low power high gain amplifier

- Ultra wideband linear amplifier
- High end frequency ; 14GHz
- Low power (+10dBm) drive
- Excellent flat response
- High gain (35dB)
- High fidelity delay response



### Electrical specification

Bandwidth	300kHz to 14GHz
Gain	35±2dB
Gain ripple relative to gain slope	±1dB
Temperature coefficient	-0.15dB/deg
Operating temperature range	5deg to +60deg
Output power at 1dB compression	10dBm
Input return loss	<-10dB
Output return loss	<-10dB
Rise time	27ps
Overshoot	2%
Noise figure	<12dB
Supply voltage	+5V/150mA
Dimensions	21mm X 40mm X 12mm

