

AIRT10AC-50K/12G

Low power broadband amplifier

- Ultra wideband linear amplifier
- High end frequency ; 12GHz
- Low power (+10dBm) drive
- Low noise figure (<7dB)
- Medium gain (29dB)
- High fidelity delay response



Electrical specification

Bandwidth	50kHz to 12GHz
Gain	29±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	30ps
Overshoot	2%
Noise figure	<7dB
Supply voltage	+8V/150mA
Dimensions	21mm X 29mm X 12mm

