

AIRT25AC-10K/2.5G

High power broadband amplifier

- Ultra wideband linear amplifier
- High end frequency ; 2.5GHz
- High power (10.0Vpp) drive
- High fidelity delay response (50pspp)
- Compact size
- Low power consumption



Electrical specification

Bandwidth	10kHz to 2.5GHz
Gain	30+/-1dB
Gain ripple relative to gain slope	+/-0.5dB
Temperature coefficient	-0.05dB/deg
Operating temperature range	0deg to +60deg
Output power at 1dB compression	25dBm
Input return loss	<-8dB
Output return loss	<-15dB
Rise time	150ps
Overshoot	none
Noise figure	<7dB
Supply voltage	+12V/250mA, -5V/20mA
Dimensions	35mm X 50mm X 19mm

