

AIRT18AC-100K/10G

Medium power broadband amplifier

- Ultra wideband linear amplifier
- High end frequency ; 10GHz
- Medium power (+18dBm) drive
- High fidelity delay response (20pspp)
- Compact size
- Low power consumption



Electrical specification

Bandwidth	100kHz to 10GHz
Gain	18+/-1dB
Gain ripple relative to gain slope	+/-0.5dB
Temperature coefficient	-0.05dB/deg
Operating temperature range	5deg to +60deg
Output power at 1dB compression	18dBm
Input return loss	<-13dB
Output return loss	<-6dB
Rise time	30ps
Overshoot	1%
Noise figure	<10dB
Supply voltage	+7V/200mA, -2V/20mA
Dimensions	29mm X 16mm X 12mm

