

AIRT17AC-2K/2.5G

Medium power broadband amplifier

- Ultra wideband linear amplifier
- High end frequency ; 2.5GHz
- Medium power (+17dBm) drive
- Low noise figure (<7dB)
- Medium gain (30dB)
- Low power consumption



Electrical specification

Bandwidth	2kHz to 2.5GHz
Gain	30+/-1dB
Gain ripple relative to gain slope	+/-2dB
Temperature coefficient	-0.05dB/deg
Operating temperature range	5deg to +60deg
Output power at 1dB compression	15dBm
Input return loss	<-15dB
Output return loss	<-15dB
Rise time	130ps
Overshoot	2%
Noise figure	<7dB
Supply voltage	+15V/250mA, -2V/20mA
Dimensions	50mm X 70mm X 19mm

