

# AIRT16AC-50K/4.0G

## Medium power broadband amplifier

- Ultra wideband linear amplifier
- High end frequency ; 4.0GHz
- Medium power (+16dBm) drive
- Low noise figure (<7dB)
- Medium gain (28dB)
- Low power consumption



### Electrical specification

Bandwidth	50kHz to 4.0GHz
Gain	28+/-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	<-10dB
Output return loss	<-12dB
Rise time	80ps
Overshoot	0%
Noise figure	<7dB
Supply voltage	+10V/250mA, -2V/20mA
Dimensions	50mm X 70mm X 19mm

