

# AIRT12AC-40K/12G

## Medium power broadband amplifier

- Ultra wideband linear amplifier
- High end frequency ; 12GHz
- Medium power (+12dBm) drive
- High fidelity delay response (20pspp)
- Compact size
- Low power consumption



### Electrical specification

Bandwidth	40kHz to 12GHz
Gain	25+/-1dB
Gain ripple relative to gain slope	+/-1dB
Temperature coefficient	-0.05dB/deg
Operating temperature range	5deg to +60deg
Output power at 1dB compression	10dBm
Input return loss	<-12dB
Output return loss	<-10dB
Rise time	30ps
Overshoot	1%
Noise figure	<10dB
Supply voltage	+12V/100mA, -2V/20mA
Dimensions	29mm X 16mm X 12mm

