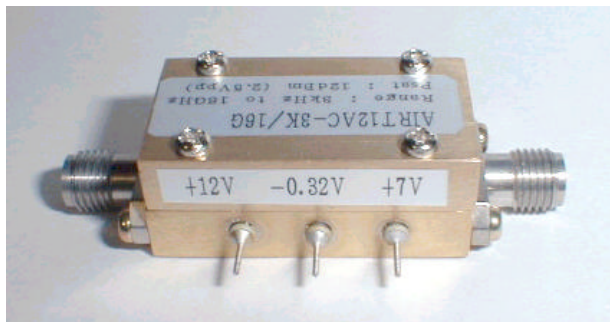


AIRT12AC-3K/16G

Medium power broadband amplifier

- Ultra wideband linear amplifier
- High end frequency ; 16GHz
- Medium power (+12dBm) drive
- Low end frequency ; 3kHz
- Compact size
- Low power consumption



Electrical specification

Bandwidth	3kHz to 16GHz
Gain	16+/-2dB
Gain ripple relative to gain slope	+/-2dB
Temperature coefficient	-0.05dB/deg
Operating temperature range	5deg to +60deg
Output power at 1dB compression	12dBm
Input return loss	<-6dB
Output return loss	<-6dB
Rise time	27ps
Overshoot	5%
Noise figure	<10dB
Supply voltage	+12V/150mA, -2V/20mA
Dimensions	29mm X 16mm X 12mm

