



Data Sheet X-Band UP Converter

Part No.:AE/XBUAC1AQI9500/9.5G

Specifications:

- Frequency Range (CF) : 9 to 10GHz
- IF IN Frequency : 2.1 to 2.3GHz
- IF Input Power Range : -10 to -14dBm
- RF output Power : +10 to -80dBm
- Max Input Power without damage : 30dBm
- Output Power Dynamic Range : 90dB
- Output Power Accuracy : +/- 1.5dB
- Output Power Step : 0.5dB
- No of Input SMA Connector : 2
- No of Output SMA Connector : 1
- Ref Clock : 100MHz(0dBm to -40dBm)
- LO frequency Control : RS 422/UART (internal LO generation module with Frequency change option)

- Switching Time Frequency : 100µs
- Noise Figure : 8 to 10dB
- Spurious : -60dBc
- Isolation(Input to Output) : 70-80dB
- Harmonics : -50dBc
- Input & Output VSWR : 1.5:1 or better
- Size(Width x Depth x Height) : 360x200x60 mm
- Interface Connector : 22 POS Circular Connector(including RS422 Communication control)

- Power Supply : 12Volts
- EMI/EMC : MIL -461F
- Operating Temperature : -20°C to +55°C
- Storage Temperature : -40°C to +85°C
- Relative Humidity : 95% at 40°C Max

NOTE:

Customer has to write his own program to control attenuator steps and Frequency for monitoring and control.

EMI/EMC Testing all lab charges has to be borne by customer.



X-BAND UC PICTURE

