



High power frequency generator

Features

- Fixed frequency oscillator
- Wide frequency range (2-18GHz)
- Internal or External reference (10MHz)
- Pulse or CW opération
- RS232 communication interface

Applications

- Optical modulator driver

Typical Performance Specifications

Electrical specifications		Unit
Fixed frequency in the range of	2 to 18	GHz
Frequency reference (for PLL model)	MHz external on request	
Frequency stability (for PLL model)	+/-10	ppm
Frequency Accuracy (for PLL model)	0,5	ppm
Frequency stability (for DRO model)	+/-50	KHz / °
Output Power (Psat)	38+/-1	dBm
Output power adj. (manual trimming)	15	dB
Phase Noise@10KHz at 3GHz (PLL)	<-90	dBc/Hz
Phase Noise@100KHz at 14GHz (DRO)	<-90	dBc/Hz
Spurious	<-60	dBc typ
Harmonics	<-50	dBc typ
Pulse width	> 2	µs
Pulse rate	1 to 100k	Hz
Trise / Tfall	< 200	ns
Supply Voltage		
Voltage	100-240	Vac
Mecanical specifications		
Size	19" - 2U - 460	mm
RF connector	SMA female	
Synchro, Output monitoring connectors	BNC female	
Ref input (optionnal)	SMA female	
RS232	Sub D 9pts male	
Environment		
Operating temperature	0 à +45	°C
Storing temperature	-20 à +70	°C



DISCLAIMER :

Different technical specifications are possible upon request, AMG reserves the right to make modifications to the design and characteristic of the product at any times and without prior notice