



VTL-2560

Standard Amplifier Module

2.5 - 6GHz 1.5W



The VTL 2560-1 module generates 1.5W over an instantaneous frequency range of 2.5 to 6GHz. The design is based on gallium arsenide technology, with balanced stages throughout for high stability and good port VSWR. The design is free of beryllium oxide. The module is supplied with a universal mains adaptor, but can be run from a nominal 12V supply. It is protected against reverse polarity connection, and is tolerant of a wide range of supply voltages.

Specification

VTL 2560-1		Unit
Frequency Range	2.5-6	GHz
Output Power	1.5	W
Minimum 1dB GCP	1.2	W
Minimum Gain	32	dB
Third Order Intercept Point	44	dBm
Gain Variation	±2	dB
Harmonics at Rated Power	<-20	dBc
Input / Output VSWR	2:1	
Load VSWR Tolerance	∞:1	
Stability	Unconditional	
RF Connector Style	SMA female	
Supply Voltage	11-16	V dc
Supply Current	1.2	A
Dimensions	130x101x47	mm
Mass	900	g
Operating Temperature Range	0-50	°C



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