

6-18GHz 200W TWT Amplifier

P/N: TA6018N4053

Item	Spec.	Note
Frequency Range	6-18GHz	
Output Power	200W@6-17GHz 170W@17-18GHz	
Input VSWR	2.0 Max.	
Gain	40dB Min.	
Gain Flatness	±4.5dB Max.	
Output Power Adjustment Range	200mW-200W@6-17GHz; 200mW-170W@17-18GHz	Adjust continuously
Gain Stability	0.3dB Max. / 24 Hours	Any point within frequency range, continuous wave
Harmonic Output	-4dBc Max.	Tested in full frequency range with output power between 50W and 70W
Noise Output	100mW Max.	The output power tested under no signal input
Output Port Protection	40W	The output port can endure under 40W reflect power
RF Connector	Input: SMA; Output: Double range waveguide; waveguide to coaxial	
Mean Time Between Failure (MTBF)	2000 Hours Min.	
Operating Voltage & Consumption	220V / 1400W	
Cooling	Water (without Circulating water)	