

# Solid State Power Amplifiers

## 30 MHz to 35 GHz

### Broad band amplifiers, continuous wave

Type	Frequency	Output power
HA0026	30 – 600 MHz	100 W
HA0027	20 – 520 MHz	200 W
HA0026	100 – 512 MHz	400 W
HA2018	500 – 3000 MHz	100 W
HA0028	925 – 960 MHz	100 W
HA1032	1800 – 1880 MHz	100 W
HA2017	2110 – 2170 MHz	100 W
HA2019	2.4 – 2.5 GHz	250 / 500 / 1000 W
HA5047	2.5 – 6 GHz	40 / 100 W



Amplifier 20 kW, 322 MHz

### Narrow band amplifiers, continuous wave

Type	Frequency	Output power
HA0032	80 MHz	2 / 4 / 8 / 12 / 20 kW
HA0033	160 MHz	2 / 4 / 8 kW
HA0034	320 MHz	2 / 4 / 8 / 12 / 20 kW
HA0036	915 MHz	1000 W

### Pulse amplifiers

Type	Frequency	Output power	Pulse length	Duty cycle
HA1009	1.2 – 1.4 GHz	100 W	1 – 2000 $\mu$ s	20 %
HA3011	3.4 – 3.8 GHz	25 W	0.07 – 50 $\mu$ s	10 %
HA3012	2.9 – 3.2 GHz	100 W	50 $\mu$ s	20 %
HA3017	2.8 – 3.1 GHz	50 W	0.5 – 4 $\mu$ s	2 %
HA6047	9 – 10 GHz	300 W	0.07 – 100 $\mu$ s	10 %
HA8019	33 – 35 GHz	15 W	0.07 – 100 $\mu$ s	10 %



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