RF POWER AMPLIFIERS

Specifically designed for EMC/EMI RF compliance testing

- Linear, distortion free performance
- Wide choice of power outputs
- Coverage from 100KHz to 6GHz.
- Compact and cost effective.
- 100% mismatch tolerance
- Solid state technology



Comprehensive The Laplace range of power amplifiers cover a wide range of applications, from 8W to 70W and from 100KHz to 6GHz.

Compliance All Laplace power amplifiers are designed to deliver IEC-compliant signals over the full range of power output with low distortion and good pulse characteristics

Protection Output circuits fully protected against overload and poor VSWR conditions. External 'standby mode' input for extra protection when used with software driven test systems such as the Laplace 'RFSynth' program.

Compact and Convenient Laplace power amplifiers represent the most compact amplifiers currently on the market. They have a simple fixed gain, signal-in, power-out operation. All are rated for full power at 0dBm input. The Laplace range of RF power amplifiers are compact, air-cooled standardised units. They are solid state, linear, high reliability amplifiers with an exceptional in-service record. They are all fit and forget units which feature 0dBm input for maximum output, fixed gain, good linearity and impulse characteristics and excellent reliability.

They are ideal for immunity testing to IEC61000-4-3 and IEC61000-4-6.

Photograph shows an RF1100, 24W 30 to 1000MHz power amplifier



F Power Amplifiers - the range						
Model	Frequency range	Power rating (max)	Power rating (1dB Comp)	Small Signal Gain	Size W x H x D mm	Weight kg
RF0250	100KHz-250MHz	25W	15W	46dB	300 x 105 x 240	6
RF1100	30—1000MHz	24W	13W	46dB	300 x 105 x 240	6
RF1170	30—1000MHz	70W	40W	49dB	482 x 133 x 500	22
RF1300	0.8—3GHz	8W	5W	40dB	300 x 105 x 240	6
RF1330	0.8—3GHz	25W	15W	46dB	482 x 133 x 500	22
RF1600	1GHz—6GHz	10W	8W	41dB	300 x 105 x 240	6

Actual typical performance—field strength in typical IEC61000-4-3 applications.

