

SYNTHESIZERS

GENERAL DESCRIPTION

Magnetron Synthesizers product family is designed for ultra low noise RF applications. Modules could be ordered for other frequency and power ranges.



Model	Frequency Range	Output Power	Phase Noise	Reference Clock	Supply Voltage	Control Interfaces
PLLMAG-1	12 MHz to 6 GHz	Min. 10 dBm	-130 dBc/Hz @100kHz	25 MHz TCXO	75mA@12VDC	RS-232/422/485, Ethernet
PLLMAG-2	55 MHz to 13.6 GHz	Min. 10 dBm	-120 dBc/Hz @100kHz	25 MHz OCXO	75mA@12VDC	RS-232/422/485, Ethernet
PLLMAG-3	10 MHz to 15 GHz	Min. 10 dBm	-115 dBc/Hz @100kHz	25 MHz OCXO	75mA@12VDC	RS-232/422/485, Ethernet
PLLMAG-4	100 MHz to 19 GHz	Min. 10 dBm	-115 dBc/Hz @100kHz	25 MHz OCXO	100mA@12VDC	RS-232/422/485, Ethernet