

## STANDARD MODELS

Model	Frequency Range	Output Power P <sub>N</sub> min dBm	Gain min / typ dB	Noise Figure dB	Dimensions (W, H, D) mm	Weight kg
BLMA 0118-BT	3 ... 18 GHz <sup>1)</sup>	+7	45 / 49 ±4	3.2	120 x 100 x 58	1.5
BLMA 0118-M	1 ... 18 GHz	+8	46 / 50 ±4	2.5	120 x 100 x 58	1.5
BLMA 0118-1A	1 ... 18 GHz	+10	30 / 32 ±2	2.6	120 x 100 x 58	1.5
BLMA 0118-1ABT	3 ... 18 GHz <sup>1)</sup>	+9	28 / 30 ±2	3.3	120 x 100 x 58	1.5
BLMA 0118-1BT	3 ... 18 GHz <sup>1)</sup>	+9	36 / 39 ±3	3.2	120 x 100 x 58	1.5
BLMA 0118-1M	1 ... 18 GHz	+10	38 / 41 ±3	2.5	120 x 100 x 58	1.5
BLMA 0118-2A	1 ... 18 GHz	+10	30 / 32 ±2	2.5	120 x 100 x 58	1.5
BLMA 0118-3A	1 ... 18 GHz	+10	30 / 32 ±2	3	120 x 100 x 58	1.5
BLMA 0118-4A	1 ... 18 GHz	+10	38 / 40 ±2	3	120 x 100 x 58	1.5
BLMA 0118-5A	1 ... 18 GHz	+10	48 / 50 ±2	3	120 x 100 x 58	1.5
BLMA 0118-3G	1 ... 18 GHz	+10	30 / 32 ±2	3.5	120 x 100 x 58	1.5
BLMA 0118-4G	1 ... 18 GHz	+8	40 / 42 ±2	3.5	120 x 100 x 58	1.5
BLMA 0118-5G	1 ... 18 GHz	+8	49 / 51 ±2	3.5	120 x 100 x 58	1.5

## STANDARD SPECIFICATIONS

Input Impedance:	50 Ohm nominal
Load VSWR:	<2.5:1 typ.
Spurious:	-50 dBc typ. (excluding harmonics)
Harmonics:	-20 dBc min.
Class of Operation:	A-linear

## GENERAL

RF Input:	<18 GHz	precision N-m<
	18 GHz	horn antenna
RF Output:	<18 GHz	precision N-f
	>18 GHz	2.92 mm-f
Mains Supply:	Linear regulated power supply	
	230 V AC	47 ... 63 Hz
Power Consumption:	<10 W	
Conformity:	CE (EN 55022, CISPR 22)	
Ambient Temperature:	0 ... +45 °C	
Storage Temperature:	-20 ... +85 °C	
Relative Humidity:	up to 95% (non-condensing)	
Operating Altitude:	up to 2000 m above sea level	

Vibration and Shock: MIL-STD-810 F

## OPTIONS

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for civil applications for MIL-compliant measurements  
for basic laboratory measurements (economic)  
Bluetooth for measurements of bluetooth systems  
(including filter) <sup>1)</sup> Bluetooth filter limits the useable