

STANDARD MODELS

Model	Frequency Range	Output Power P _N min dBm	Gain min / typ dB	Noise Figure dB	Dimensions (W, D, H) mm	Weight kg
BLMA 2640-1M	26.5 ... 40 GHz	+10	38 / 41 ±3	2.8	161 x 93 x 65	1
BLMA 2640-3F	26.5 ... 40 GHz	+8	30 / 33 ±3	3	161 x 93 x 65	1
BLMA 2640-3A	26.5 ... 40 GHz	+10	30 / 33 ±3	4	161 x 93 x 65	1
BLMA 2640-4A	26.5 ... 40 GHz	+10	40 / 43 ±3	3.5	161 x 93 x 65	1
BLMA 2640-5A	26.5 ... 40 GHz	+10	48 / 52 ±4	4	161 x 93 x 65	1
BLMA 2640-5F	26.5 ... 40 GHz	+8	47 / 50 ±3	3	161 x 93 x 65	1

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 G	

OPTIONS

-1A: CISPR, FCC, MIL, EN	for civil applications
-A: CISPR, FCC, MIL, EN	for basic laboratory measurements (economic)
-BT:	Bluetooth for measurements of bluetooth systems
(including filter)	
-M: MIL-461, MIL-285	for MIL-compliant measurements

EMI Preamplifiers 26.5 ... 40 GHz

LNAs with optional Antennas

K) Battery Operation

1) Bluetooth filter limits the useable
frequency range to 3 ... 18 GHz!