

STANDARD MODELS

Model	Frequency Range	Output Power P _N min dBm	Gain min / typ dB	Noise Figure dB	Dimensions (L, W, H) mm	Weight kg
BLMA 0118-1BT	3 ... 18 GHz ¹⁾	+9	36 / 39 ±3	3.2	120 x 100 x 50	1.5

STANDARD SPECIFICATIONS

Input Impedance:	50 Ohm nominal
Load VSWR:	<2.5:1 typ.
Spurious:	-60 dBc min. (excluding harmonics)
Harmonics:	-20 dBc
Class of Operation:	A-linear

GENERAL

RF Input:	N-m (Precision)
RF Output:	N-f (Precision)
Mains Supply:	210 ... 240 V AC, 47 ... 63 Hz
Power Consumption:	<10 W
Conformity:	CE (EN 55022, CISPR 22)
Ambient Temperature:	0 ... +45 °C
Storage Temperature:	-25 ... +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

REMARKS

-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
K) Battery Operation	¹⁾ Bluetooth filter limits the useable frequency range to 3 ... 18 GHz!