

# BLMA

## 18 ... 26 GHz

## EMI Preamplifier

### 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 1826-M	18 ... 26 GHz	+8	40 / 43 ±3	2.5	93 x 65 x 206	1
BLMA 1826-1A	18 ... 26 GHz	+10	30 / 32 ±2	3.5	93 x 65 x 206	1
BLMA 1826-1M	18 ... 26 GHz	+10	40 / 43 ±3	2.5	93 x 65 x 206	1
BLMA 1826-3A	18 ... 26 GHz	+10	30 / 32 ±2	3.0	93 x 65 x 206	1
BLMA 1826-4A	18 ... 26 GHz	+10	40 / 42 ±2	3.0	93 x 65 x 206	1
BLMA 1826-5A	18 ... 26 GHz	+10	50 / 52 ±2	3.0	93 x 65 x 206	1

### Standard Specifications:

Output 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:	precision N-m (<18 GHz) horn antenna (>18 GHz)
RF Output:	precision N-f (<18 GHz) K-f (>18 GHz)
Mains Supply:	85 ... 264 V AC / 47 ... 63 Hz Option L: 230 V AC / 47 ... 63 Hz

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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
Mounting:	via HF 906 horn antenna (<18 GHz) mounting bracket for mounting to tripods (>18 GHz)

**Options:**

–A: CISPR, FCC, MIL, EN	for basic laboratory measurements (economic)
–1A: CISPR, FCC, MIL, EN	for civil applications
–M: MIL–461, MIL–285	for MIL–compliant measurements
–BT: Bluetooth	for measurements of bluetooth systems (including filter)
(1)	The Bluetooth filter limits the useable frequency range to 3 ... 18 GHz!

H) Battery Operation

L) Linear regulated power supply

Specifications are subject to change without notice

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