

### STANDARD MODELS

| Model        | Frequency Range | Output Power<br>P <sub>N</sub> min<br>dBm | Gain<br>min / typ<br>dB | Noise Figure<br>dB | Dimensions<br>(L, W, H)<br>mm | Weight<br>kg |
|--------------|-----------------|---|-------------------------|--------------------|-------------------------------|--------------|
| BLMA 0126-2M | 1 ... 26.5 GHz  | +10                                       | 30 / 32 ±2              | 4                  | 133 x 80 x 52                 | 1            |

### STANDARD SPECIFICATIONS

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

### GENERAL

|                      |                                |
|----------------------|--------------------------------|
| RF Input:            | SMA-f                          |
| RF Output:           | SMA-f                          |
| 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: | -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:<br>(including filter) | Bluetooth for measurements of bluetooth systems                                    |
| -M: MIL-461, MIL-285       | for MIL-compliant measurements   |
| K) Battery Operation       | <sup>1)</sup> Bluetooth filter limits the useable frequency range to 3 ... 18 GHz! |