

## 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 1840-5G | 18 ... 40 GHz   | +5  | 46 / 49 ±2.5            | 3                  | 120 x 100 x 51                | 1            |

## STANDARD SPECIFICATIONS

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

## GENERAL

|                      |                                |
|----------------------|--------------------------------|
| RF Input:            | 2.92 mm-f                      |
| RF Output:           | 2.92 mm-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                  |

## 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! |