

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 0118-3G | 1 ... 18 GHz | +10 | 30 / 32 ±2 | 3.5 | 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! |