

## 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>(W, D, H)<br>mm | Weight<br>kg |
|---------------|-----------------|---|-------------------------|--------------------|-------------------------------|--------------|
| BLNA 0160-01N | 10 ... 6000 MHz | 0   | 30 / 32 ±1.5            | 3                  | 120 x 100 x 51                | 1.3          |
| BLNA 0160-05N | 10 ... 6000 MHz | +10                                       | 25 / 30 ±5              | 5                  | 120 x 100 x 51                | 1.3          |

## STANDARD SPECIFICATIONS

|                     |                                    |
|---------------------|------------------------------------|
| Input Impedance:    | 50 Ohm nominal                     |
| Output Impedance:   | 50 Ohm nominal                     |
| IP-3:               | 10 dBm typ.                        |
| Load VSWR:          | <2.5:1 typ.                        |
| Spurious:           | -50 dBc typ. (excluding harmonics) |
| Harmonics:          | -20 dBc                            |
| Class of Operation: | A-linear                           |

## GENERAL

|                      |                              |
|----------------------|------------------------------|
| RF Input:            | N-f                          |
| RF Output:           | N-f                          |
| Mains Supply:        | 230 V AC      47 ... 63 Hz   |
| Power Consumption:   | <10 W                        |
| Conformity:          | CE (EN 55022, CISPR 22)      |
| Ambient Temperature: | 0 ... +40 °C                 |
| Storage Temperature: | -40 ... +85 °C               |
| Relative Humidity:   | up to 95% (non-condensing)   |
| Operating Altitude:  | up to 2000 m above sea level |
| Vibration and Shock: | normal lab environment       |

## OPTIONS

K) Rechargeable batteries instead of AC supply