EMI Preamplifiers 20 ... 2000 MHz

BONN Elektronik
YOUR ULTIMATE RF POWER SOURCE

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
BLNA 0220-01N	20 ... 2000 MHz	+8	40 / 41 ±1	3.8	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:	-60 dBc min. (excluding harmonics)
Harmonics:	-20 dBc
Class of Operation:	A-linear

GENERAL

RF Input:	N-f
RF Output:	N-f
Mains Supply:	210 ... 240 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

REMARKS

K) Rechargeable batteries instead of AC supply