EMI Preamplifiers 1 ... 18 GHz

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
BLMA 0118-3A	1 ... 18 GHz	+10	30 / 32 ±2	3	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: -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!