

STANDARD MODELS

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 27"-System	Weight kg
BTA 0110-10000	9 kHz ... 100 MHz	10000 / 12000	70 / 73 \pm 3	12 / 18	100000	2x 37 HU, 800 mm	1100
1 HU = 44.45mm							

STANDARD SPECIFICATIONS

Input Power:	0 dBm (1 mW) max.
Overdrive Protection:	up to +10 dBm for no damage
Input Impedance:	50 Ohm nominal
Output Impedance:	50 Ohm nominal
Input VSWR:	<2:1 typ.
Load VSWR:	2:1 max. für P_N -0.5 dB; infinite for no damage
Spurious (at P_N):	-50 dBc typ. (excluding harmonics)
Class of Operation:	A-linear

GENERAL

RF Input:	N-f; standard on rear panel
RF Output:	1 5/8" EIA; standard on rear panel
Mains Supply:	3x400 V AC 50 Hz
Elapsed Time Meter:	via status display
Ambient Temperature:	0 ... +45 °C
Storage Temperature:	-20 ... +85 °C
Relative Humidity:	up to 95% (non-condensing)
Vibration and Shock:	normal laboratory environment
Operating Altitude:	up to 2000 m above sea level
Cooling:	primary cooling oil, secondary cooling water/air

OPTIONS

A) RF Monitor Outputs	F) Gain Adjustment
B) External Dual Directional Coupler	L) LAN Fernsteuerschnittstelle
C) IEEE-488.2 GPIB Remote Control	R) RS-232C Remote Control
D) Front Panel RF Connectors	U) USB Remote Control
E) Power Indication	W) Air Cooling (external heat exchanger)