

BTA

9 kHz ... 100 MHz

Broadband Hybrid

Standard Models

Model	Frequency Range	Output Power P_N min W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power kW	Dimensions (H, D) 27"-System	Weight kg
BTA 0110-5000	9 kHz ... 100 MHz	5000	67 / 70 $\pm$ 3	12 / 18	75	2x37 HU, 800	900
BTA 0110-10000	9 kHz ... 100 MHz	10000	70 / 73 $\pm$ 3	12 / 18	100	2x37 HU, 800	1100

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. for 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	E) Power Indication (digital)
B) External Dual Directional Coupler	F) Gain Adjustment
C) IEEE-488.2 GPIB Remote Control	R) RS-232C Remote Control
D) Front Panel RF Connectors	U) USB Remote Control

Specifications are subject to change without notice

