



Parallel Plate Bounded Waveguide

PBW 300M

Features

- > Characteristic Impedance: 50 Ω ;
- > Frequency Range: DC ~ 300 MHz;

Introduction

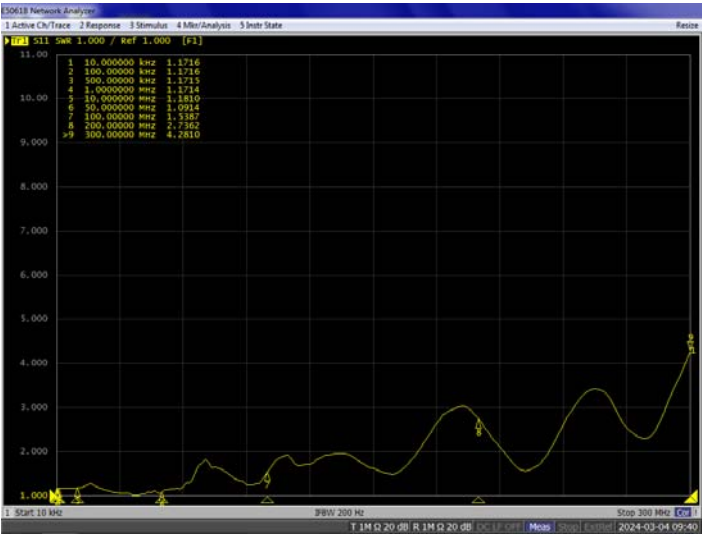
Designed based on transmission line waveguide theory with a characteristic impedance of 50 Ω . Electromagnetic waves propagate in the waveguide structure in quasi-TEM mode, generating uniform surface current on the plates. It is applied to the calibration of surface current probes.

Application Areas



Technical
Parameters

Frequency Range	DC ~ 300 MHz	
Characteristic Impedance	50 Ω	
Voltage Standing Wave Ratio	0 Hz ~ 100 MHz	≤2
	100 MHz ~ 500 MHz	≤5
Internal dimensions	500 mm*1,000 mm*200 mm	
Connector type	N type	
Overall Dimensions	1,400 mm (L)*1,000 mm (W)*200 mm (H)	
Weight	Approx. 25 kg	



SUZHOU 3CTEST ELECTRONIC CO., LTD.

Address: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China
E-mail: globalsales@3ctest.cn
Service: service@3ctest.cn
Tel: +86 - 512 - 68077192
Web: www.3c-test.com



3CTEST is always striving for product innovation and quality improvement. Product appearance and technical specifications are subject to change without further notice.