

Power Couplers

VWP1137



Features:

- Frequency: 1300 MHz
- Peak Power: 1110 kW
- Average Power: 7.2 kW
- Cooling: Air

Description:

The VWP1137 Fundamental Power Coupler is also known as the TTF3 Power Coupler. Designed by DESY for use in the Tesla Test Facility, the TTF3 Power Coupler is the baseline design for the International Linear Collider. The VWP1137 utilizes two ceramic cylinders to provide the vacuum interface. The ceramics are coated with TiN to suppress multipactor. RF-conducting surfaces are electroplated with high RRR copper. The VWP1137 has been in production since 2003. At the end of 2007, CPI will have built over 70 VWP1137 couplers for Institut de Physique Nucleaire d'Orsay, Fermi National Lab, and DESY.

150 Sohier Road
Beverly, Massachusetts



Phone: 978-922-6000 Fax: 978-922-2736
E-Mail: marketing@bmd.cpii.com
Internet: www.cpii.com/bmd

Beverly Microwave Division