

Product Features

The P1dB P1TR-24M-50G1W 2.4mm Male termination is designed to operate to 50 GHz and to 1 Watt of CW power. The 2.4mm termination has a passivated stainless-steel body and Beryllium Copper contact and is capable of over 500 mates. Its VSWR of 1.60:1 at 50 GHz makes it a good solution for terminating unused ports or terminating an isolator or coupler.



Electrical Specification: T_{Ambient} = 25° C

Parameter	Frequency Range	Units	Min	Typical	Max	Notes
Impedance	DC to 50 GHz	Ohms	—	50	—	
VSWR	DC to 40 GHz 40 to 50 GHz	1:	—	—	1.40 1.60	
Average Power	DC to 50 GHz	Watts	—	—	1	Linearly derated to 10% at +85°C

Mechanical Specification

Parameter	Description	Notes
Connector Type	2.4mm Male	
Coupling Nut Material and Plating	Passivated Stainless Steel	
Body Material and Plating	Passivated Stainless Steel	
Contact Material and Plating	Gold plated Beryllium Copper	
Operating Temperature	-45° to +85° C	

Drawing

