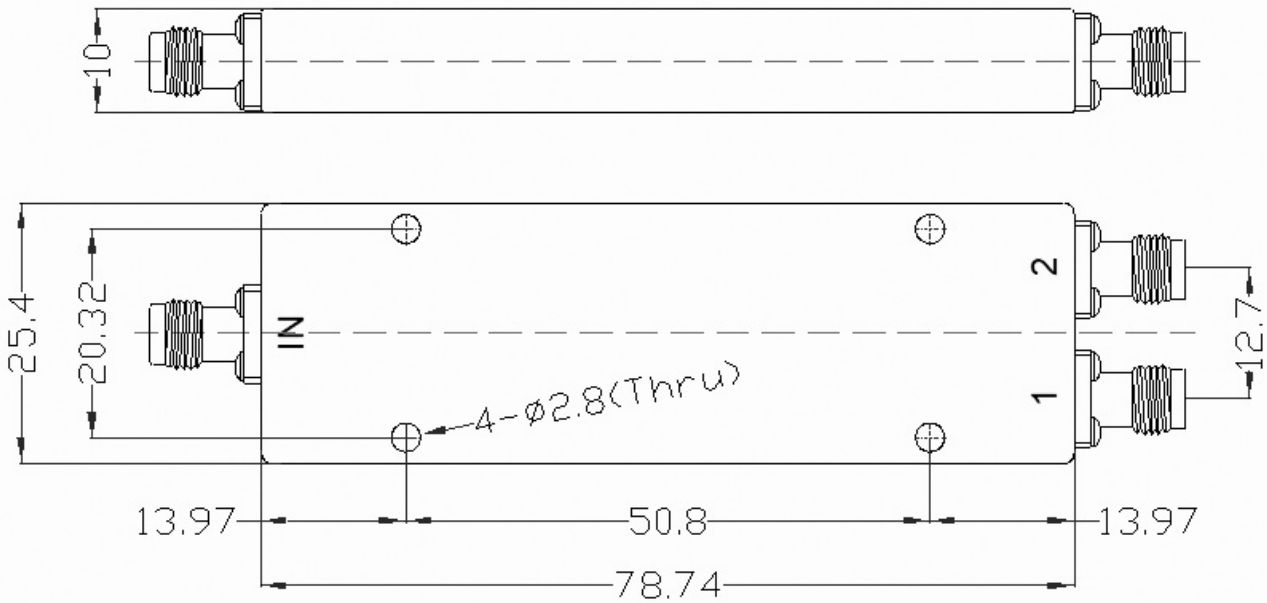


2.4mm 2 Way Microstrip Power Divider, RPD1F50U2 1-50GHz, 10W, P-Grade

Dimensions(mm) Tolerance $\pm 1\%$



Electrical & Environmental

Frequency Range	1-50GHz	Impedance	50 Ohm
Input Port VSWR	2 max	Output Port VSWR	1.8 max
Insertion Loss	5.6dB max (Does not contain theory loss 3.01dB)		
Isolation	10dB min		
Amplitude Balance	$\leq \pm 1.0\text{dB}$	Phase Balance	$\leq \pm 10^\circ$
Input Avg Power	10 Watts max @25°C (Derate linearly to 1 Watt at 100°C)		
Operating Temp	-40°C ~ +80°C		

Mechanical & Product Information

Product Number	RPD1F50U2, P-Grade	Way	2
Connector	2.4mm Female	Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper		
Housing	6061 Aluminum alloy, Black paint		
Dimensions	78.74×25.4×10mm	Net Weight	About 45.0g