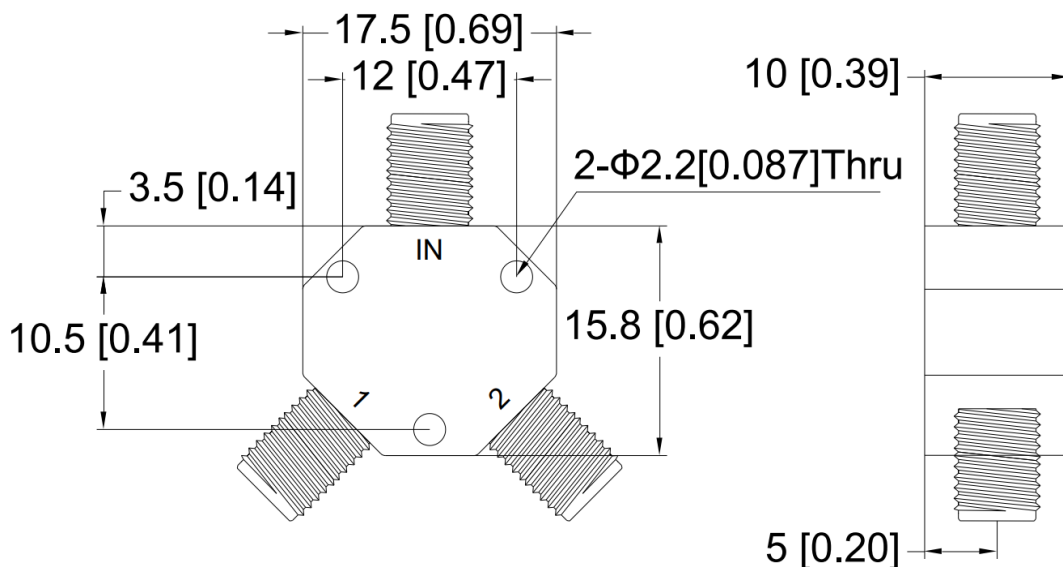


SMA 2 Way Resistive Power Divider, RPD18S2-C

DC-18GHz, 1W , P-Grade

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



Electrical & Environmental

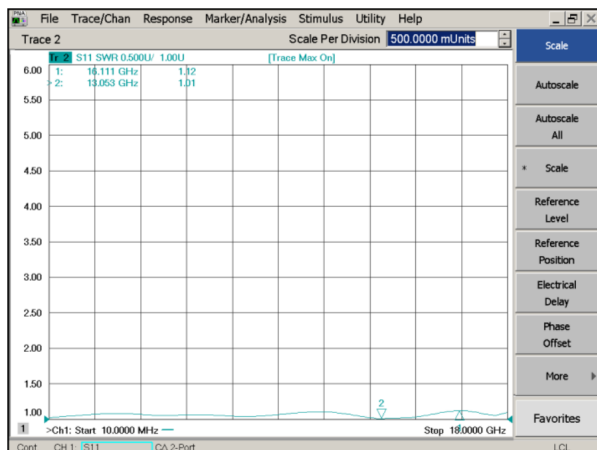
Frequency Range	DC-18GHz	Impedance	50 Ohm
Input Port VSWR	1.3 max		
Output Port VSWR	2 max		
Insertion Loss	1.5dB max (does not include the theoretical insertion loss -6dB)		
Isolation	10dB min		
Amplitude Balance	± 0.4 dB		
Phase Balance	$\pm 4^\circ$		
Input Avg Power	1 Watts max @25°C		
Operating Temp	-45°C ~ +85°C		

Mechanical & Product Information

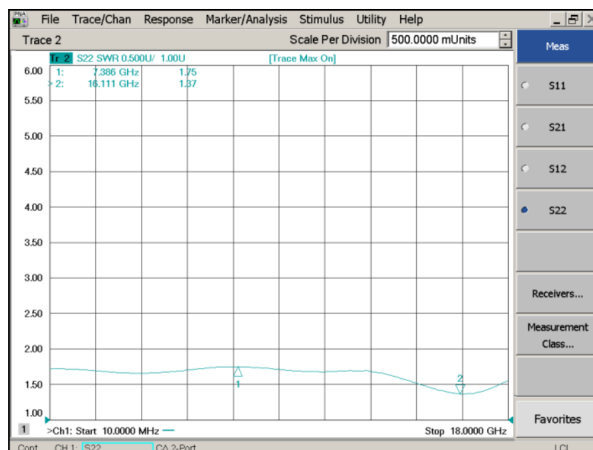
Product Number	RPD18S2-C, P-Grade	Way	2
Connector	SMA Female	Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper		
Housing	Blue paint		
Dimensions	17.5×15.8×10mm	Net Weight	About 25.0g

SMA 2 Way Resistive Power Divider, RPD18S2-C DC-18GHz, 1W , P-Grade

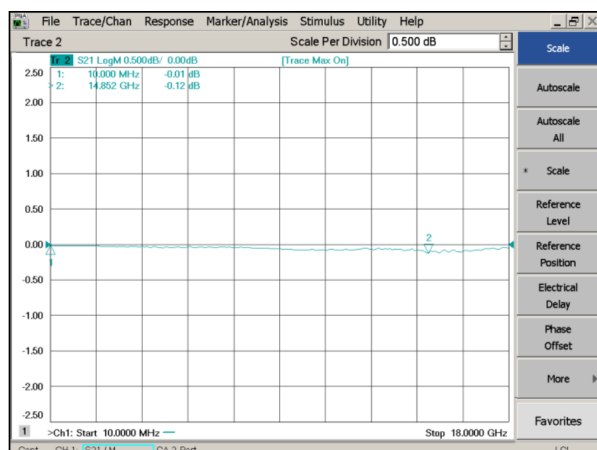
Typical Test Data



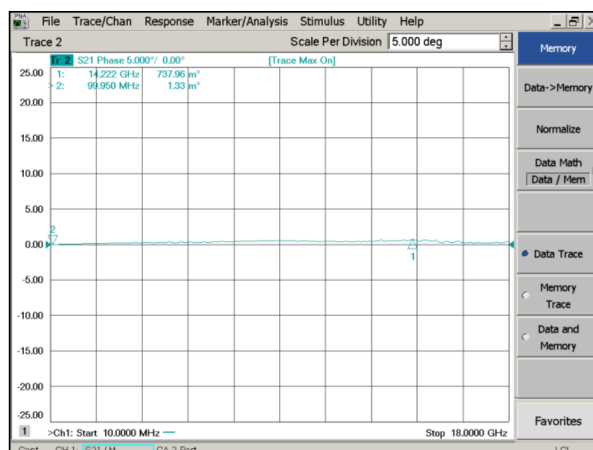
Input Port VSWR



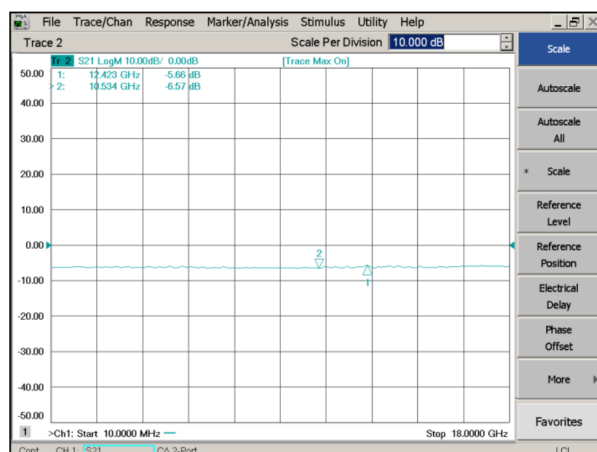
Output Port VSWR



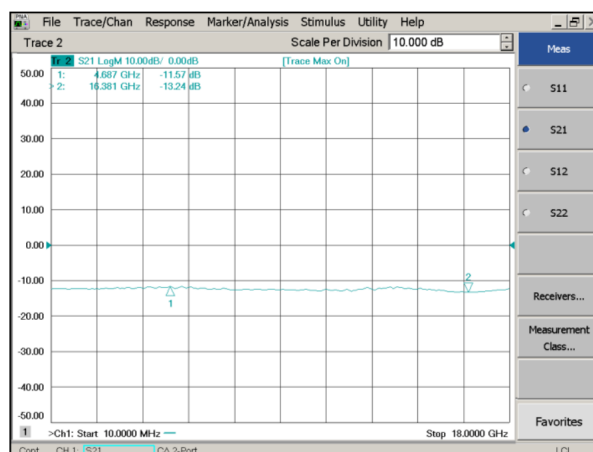
Amplitude Balance



Phase Balance



Insertion Loss



Isolation

