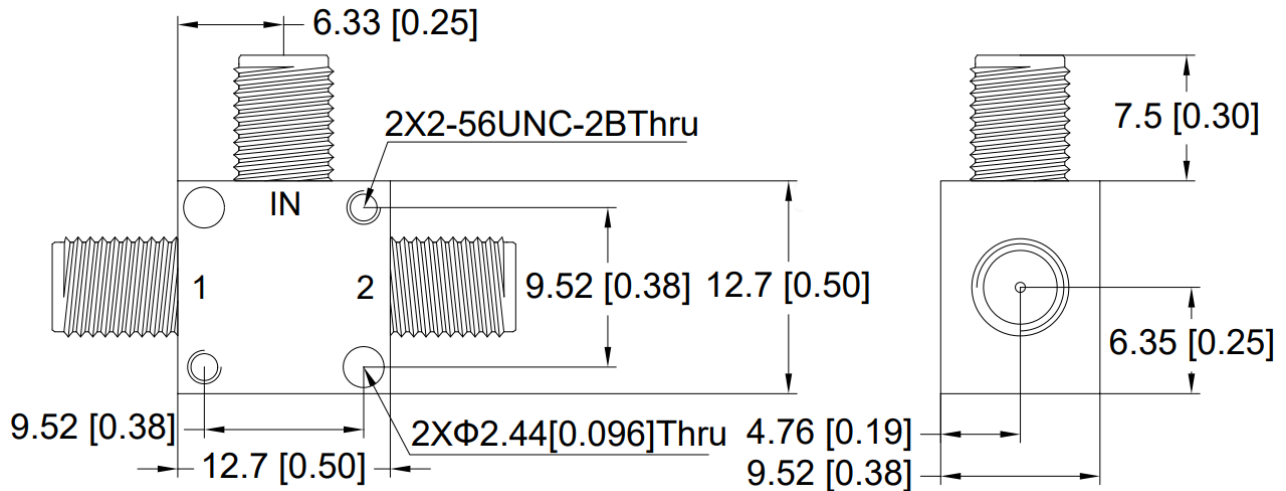


## SMA 2 Way Resistive Power Divider, RPD18S2-A DC-18GHz, 1W , P-Grade

Dimensions(mm) Tolerance $\pm$ 1%



### Electrical & Environmental

Frequency Range	DC-18GHz	Impedance	50 Ohm
Input Port VSWR	1.4 max		
Output Port VSWR	1.4 max		
Insertion Loss	1.5dB max ( does not include the theoretical insertion loss -6dB )		
Amplitude Balance	$\pm$ 0.3dB		
Phase Balance	$\pm$ 3°		
Input Avg Power	1 Watts max @25°C Reverse: 0.1W max.		
Operating Temp	-45°C ~ +85°C		

### Mechanical & Product Information

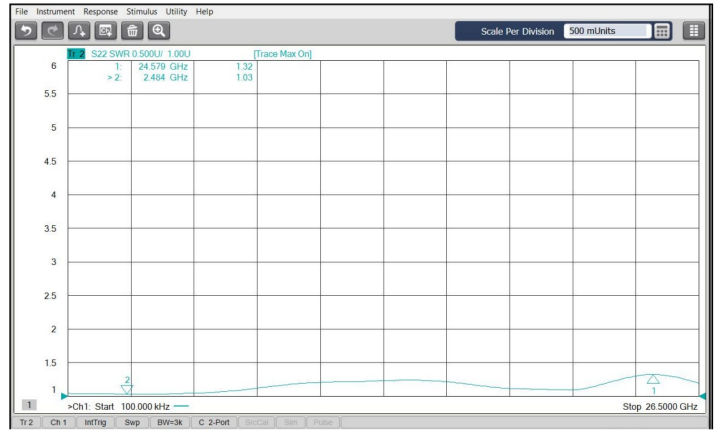
Product Number	RPD18S2-A, P-Grade	Way	2
Connector	SMA Female	Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper		
Housing	Gold plated		
Dimensions	12.7×12.7×9.52mm	Net Weight	About 16.0g

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

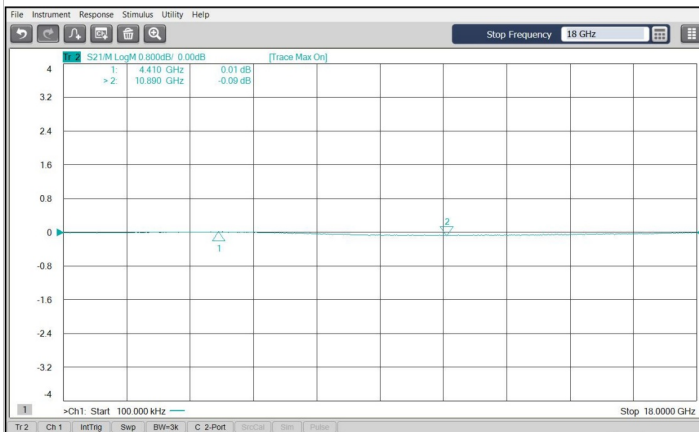
## Typical Test Data



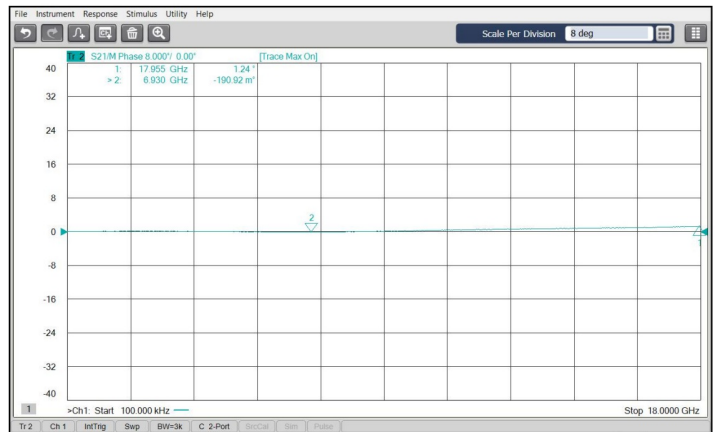
Input Port VSWR



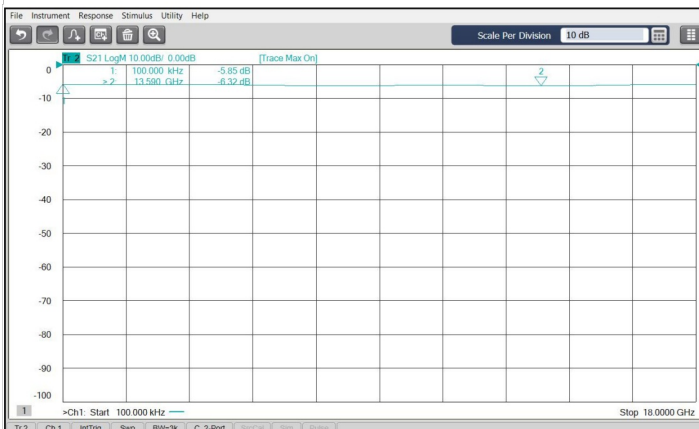
Output Port VSWR



Amplitude Balance



Phase Balance



Insertion Loss