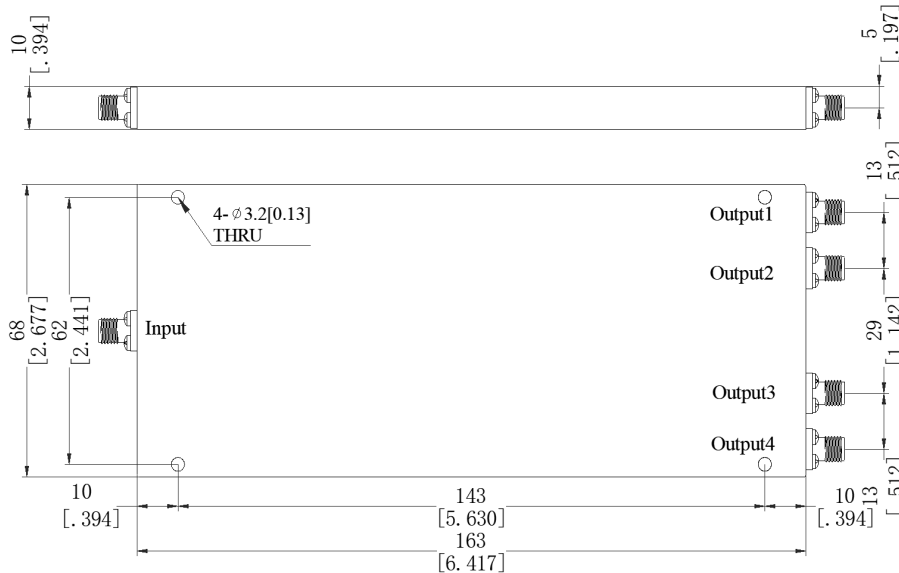


## SMA 4 Way Microstrip Power Divider, RPD05F18S4 0.5-18GHz, 30W , P-Grade

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

<b>Frequency Range</b>	0.5-18GHz	<b>Impedance</b>	50 Ohm
<b>Input Port VSWR</b>	2 max (Typ.1.3)		
<b>Output Port VSWR</b>	1.5 max (Typ.1.2)		
<b>Insertion Loss</b>	2.5dB max (Excluding theoretical loss未含理论损耗6.0dB)		
<b>Isolation</b>	15dB min (Typ.24dB)		
<b>Amplitude Balance</b>	± 0.8dB		
<b>Phase Balance</b>	±8°		
<b>Input Avg Power</b>	30 Watts max @25°C (Derate linearly to 3 Watt at 100°C) (Combiner合路器用时1W)		
<b>Operating Temp</b>	-45°C ~ +85°C		

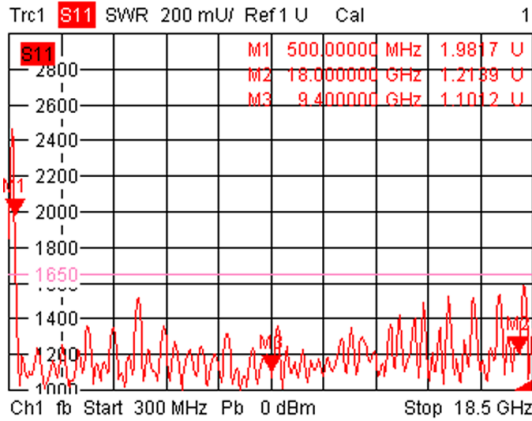
### Mechanical & Product Information

<b>Product Number</b>	RPD05F18S4, P-Grade	<b>Way</b>	4
<b>Connector</b>	SMA Female	<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	Gold plated beryllium copper		
<b>Housing</b>	Black paint		
<b>Dimensions</b>	163×68×10mm	<b>Net Weight</b>	About 305.0g

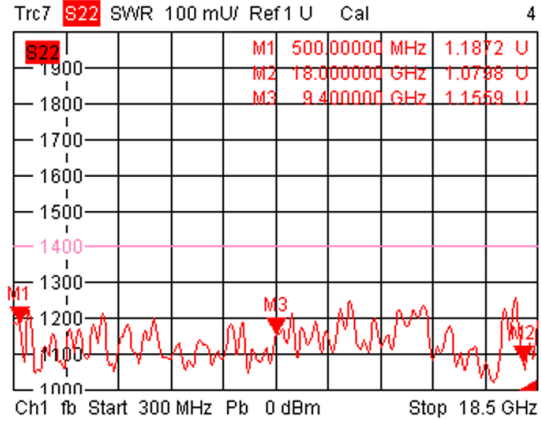
# SMA 4 Way Microstrip Power Divider, RPD05F18S4

## 0.5-18GHz, 30W, P-Grade

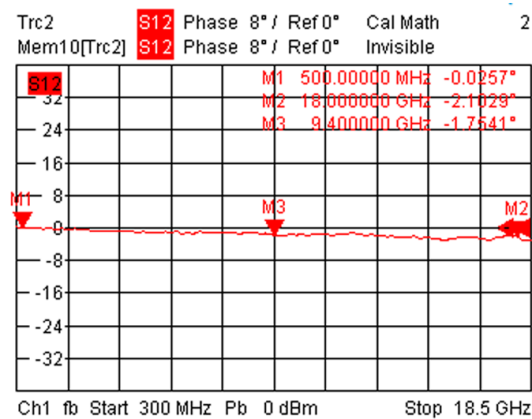
### Typical Test Data



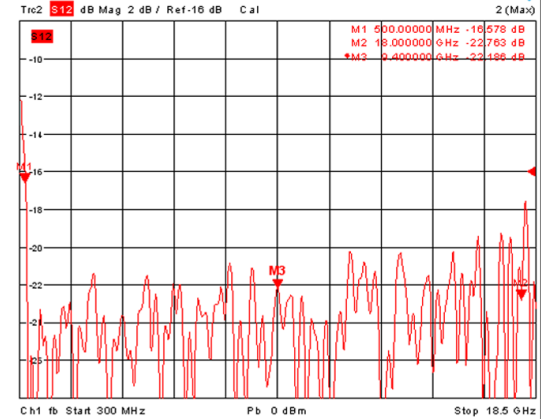
Input VSWR



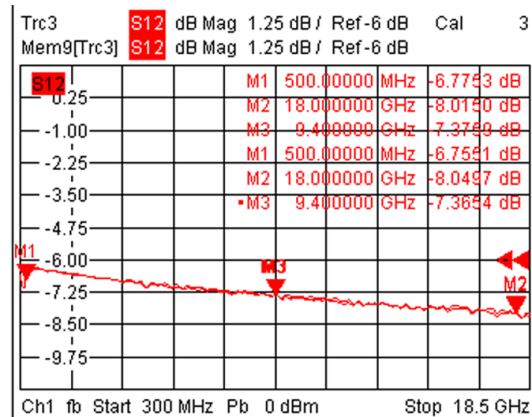
Output VSWR



Phase Unbalance



Isolation



Loss & Amplitude Unbalance

