

## 6Ways Wilkinson Power Divider/Combiner

### AT-PD6-0R818

REV A

### Feature

- 0.8-18 GHz Broadband
- Low Insertion Loss
- Outstanding Phase and Amplitude Balance

### Electrical Specifications -

Specifications guaranteed from -45 to +85°C, measured in a 50Ω system

Parameter	Frequency Range(GHz )	Min	Typ	Max	Unit	
Normal Power Splitting	0.8-18GHz		8		dB	
Normal Phase Shift			0		Degree	
Amplitude Balance			+/-0.8		dB	
Phase Balance			+/- 8		Degree	
Insertion Loss			4		dB	
VSWR			1.7			
Isolation			16		dB	
CW Peak			20		W	
Peak Power			3000		W	
Weight			460		g	
Dimension(L/W/H)			165.1x798x12.7			mm

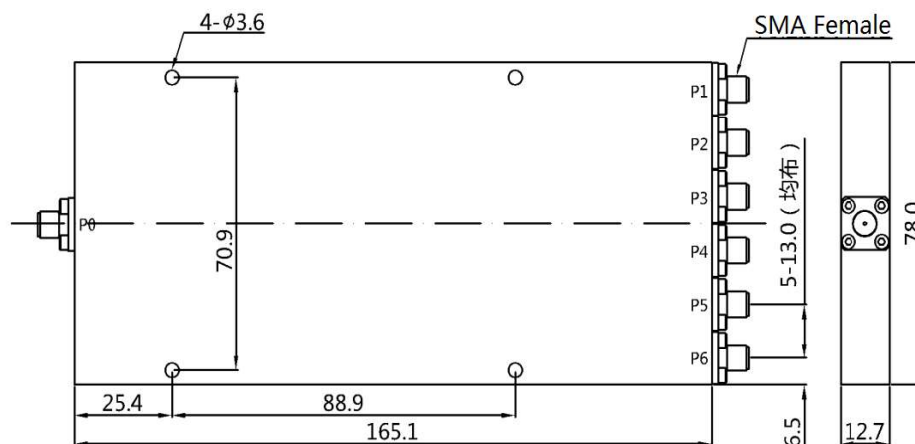
### Order Information

Part Number	Description
AT-PD6-0R818	6Ways 0.8-18GHz Power Divider With SMA Female Connectors

Consult factory for other connectors option

### Dimension

Unit: mm/Degree



AT Microwave

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## Wideband Wilkinson Power Divider/Combiner

## AT-PD6-0R818

### Typical Performance

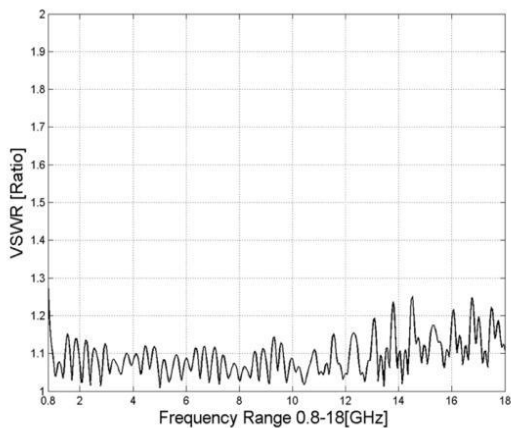


Figure 1: Input Port VSWR

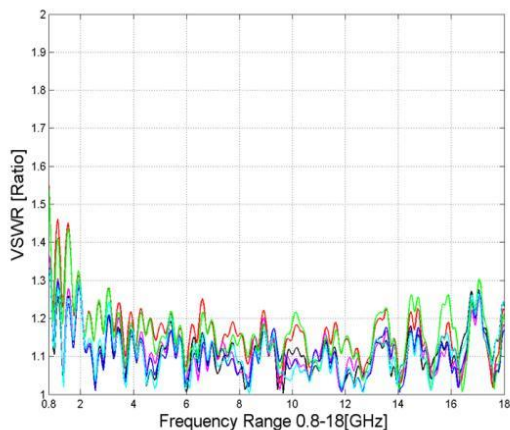


Figure 2: Output Port VSWR

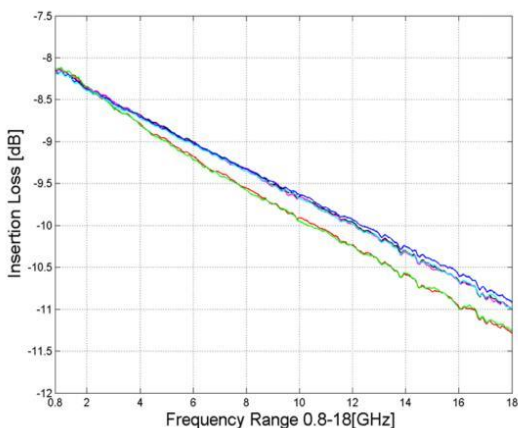


Figure 3: Insertion Loss

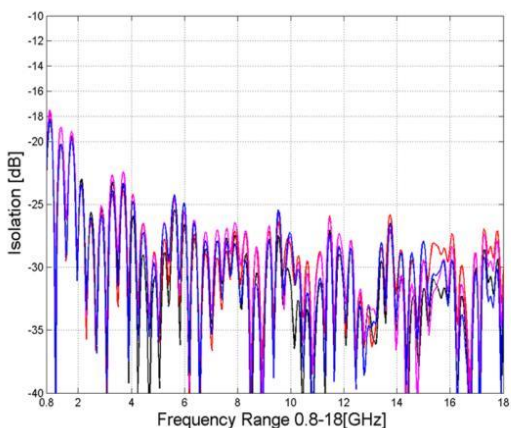


Figure 4: Output Port Isolation

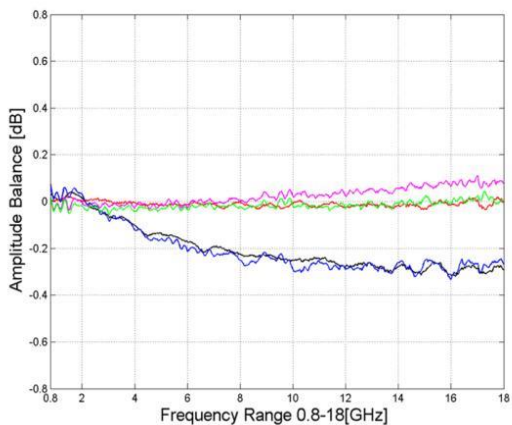


Figure 5: Output Port Amplitude Balance

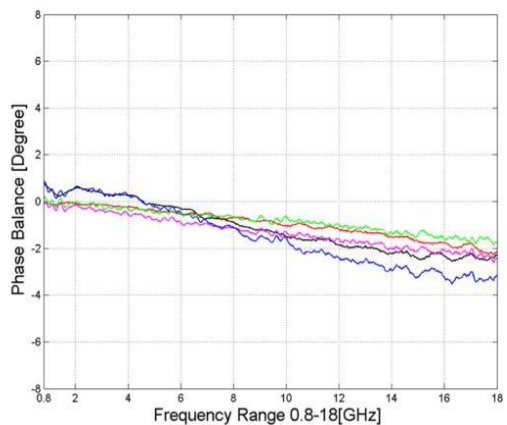


Figure 6: Output Phase Balance

AT Microwave reserves the right to make changes to the information contained herein without notice.

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