

6Ways Wilkinson Power Divider/Combiner

AT-PD6-1840

REV A

Feature

18-40 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	18-40GHz		8		dB	
Normal Phase Shift			0		Degree	
Amplitude Balance			+/-0.5		dB	
Phase Balance			+/- 6		Degree	
Insertion Loss				2.2		dB
VSWR				1.7		
Isolation				18		dB
CW Peak				20		W
Peak Power				3000		W
Weight				310		g
Dimension(L/W/H)			45.7x88.9x12.7			mm

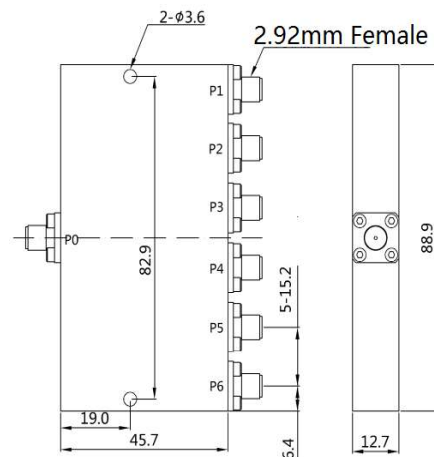
Order Information

Part Number	Description
AT-PD6-1840	6Ways 18-40GHz Power Divider With SMA Female Connectors

Consult factory for other connectors option

Dimension

Unit: mm/Degree



AT Microwave

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AT-PD6-1840

Typical Performance

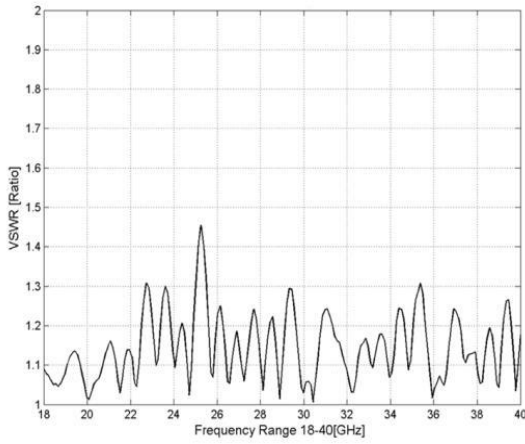


Figure 1: Input Port VSWR

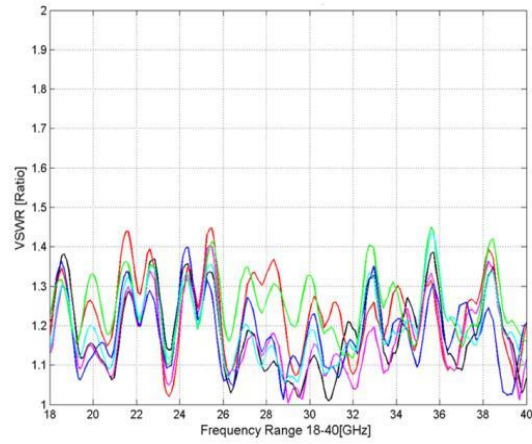


Figure 2: Output Port VSWR

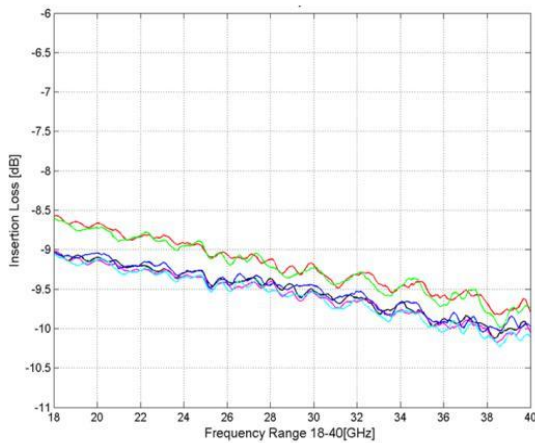


Figure 3: Insertion Loss

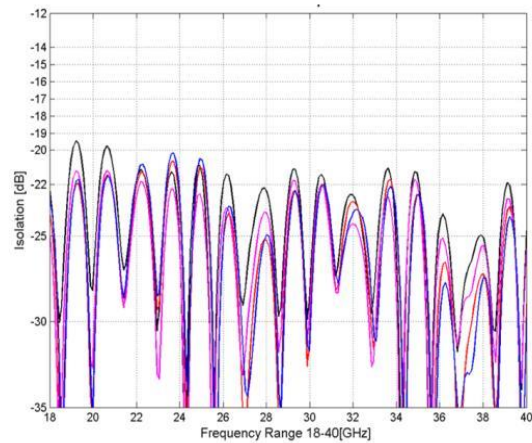


Figure 4: Output Port Isolation

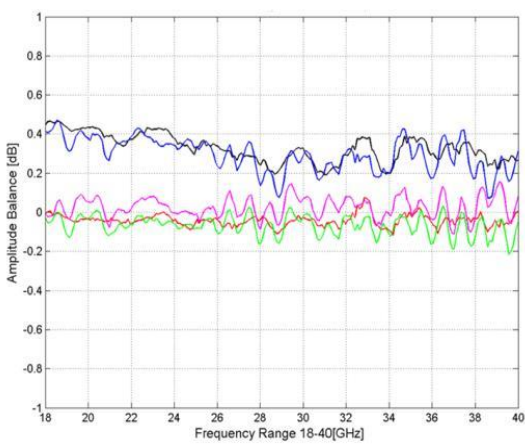


Figure 5: Output Port Amplitude Balance

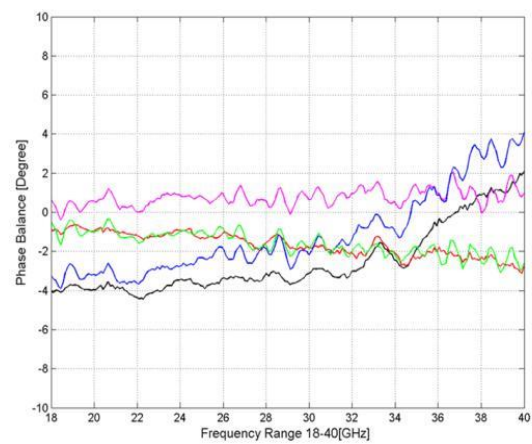


Figure 6: Output Phase Balance

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

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