

8 Ways Wilkinson Power Divider/Combiner

AT-PD8-0140

Feature

1-40GHz 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	1-40GHz		9.2		dB
Normal Phase Shift			0		Degree
Amplitude Balance			+/- 0.6		dB
Phase Balance			+/- 9		Degree
Insertion Loss			7		dB
VSWR			1.7		
Isolation			15		dB
CW Peak			20		W
Peak Power			3000		W
Weight			500		g
Dimension(LxWxH)			110x120x12.7		

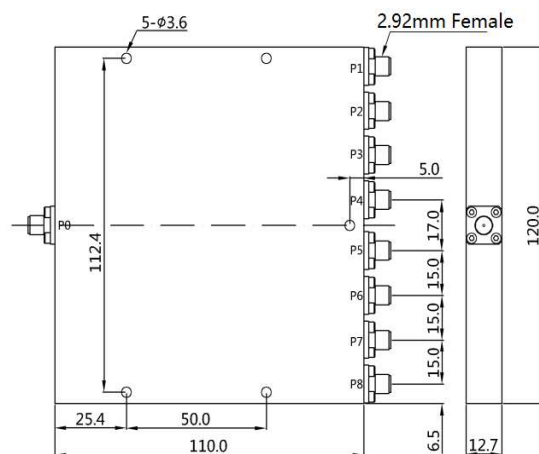
Order Information

Part Number	Description
AT-PD8-0140	1-40GHz 8ways Power Divider With 2.92mm Female Connectors

Consult factory for other connectors option

Dimension

Unit: mm/Degree



AT Microwave

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Typical Performance

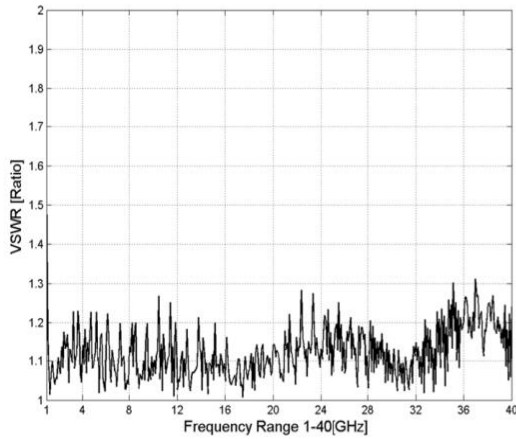


Figure 1: Input Port VSWR

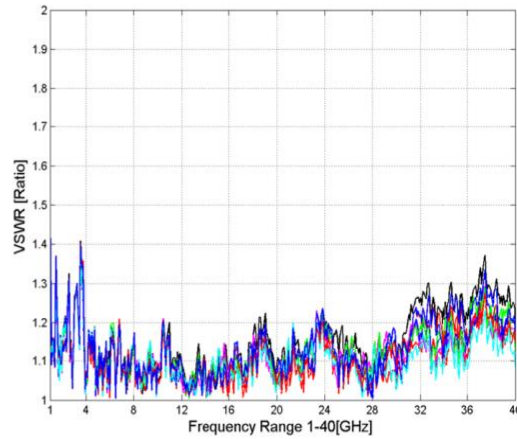


Figure 2: Output Port VSWR

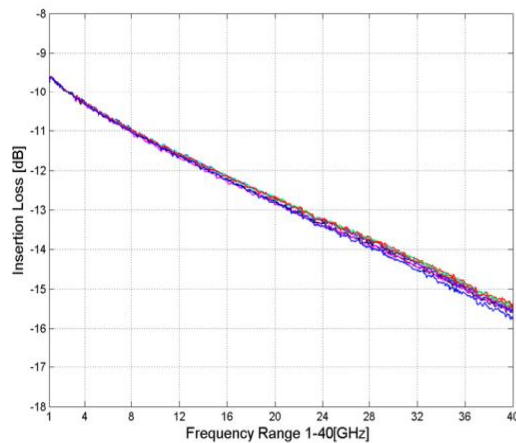


Figure 3: Insertion Loss

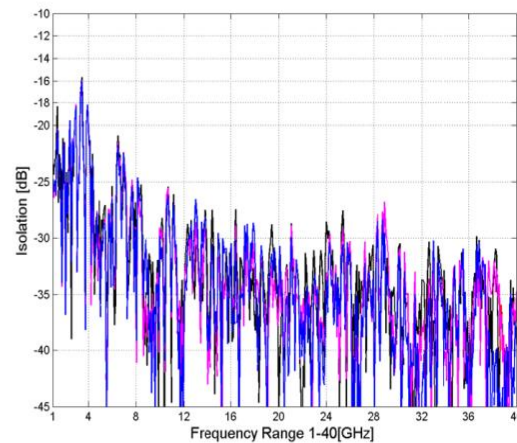


Figure 4: Output Port Isolation

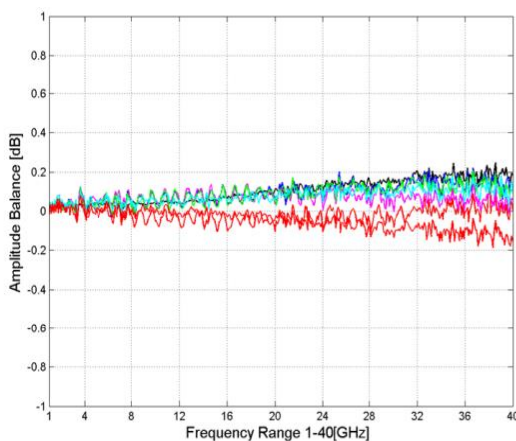


Figure 5: Output Port Amplitude Balance

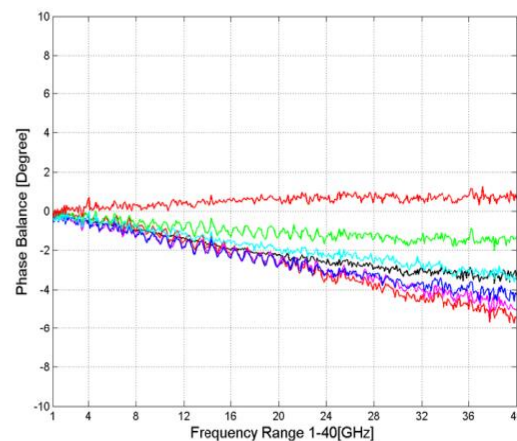


Figure 6: Output Phase Balance

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

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