

3dB Hybrid 180 Degree

AT-H180-0640

Feature

- 6-40GHz Broadband Performance
- Excellent amplitude and phase balance
- High Isolation
- Low VSWR

Electrical Specifications -

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

Parameter	Frequency Range(GHz)	Min	Typ	Max	Unit
Coupling	6-40GHz		3		dB
Phase Shift			180		Degree
Amplitude Balance			+/- 1.2		dB
Phase Balance			+/- 12		Degree
Insertion Loss			3		dB
VSWR			1.9		
Isolation			13		dB
CW/Peak Power			20/3000		W
Weight			80		g
Dimension(LxWxH)		40x40.6x12.7			mm

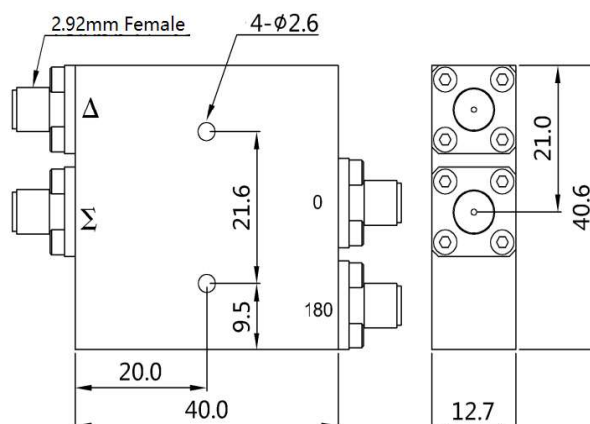
Order Information

Part Number	Description
AT-H180-0640	6-40GHz 180Degree Hybrid With 2.92mm Female Connectors

Consult factory for other connectors option

Dimension

Unit: mm/Degree



AT Microwave

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AT-H180-0640

Typical Performance

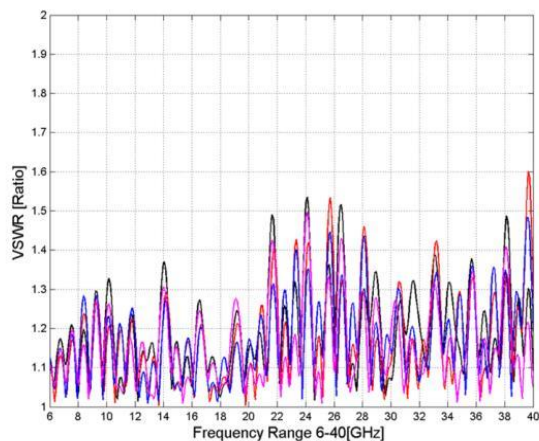


Figure 1: Input /Output VSWR

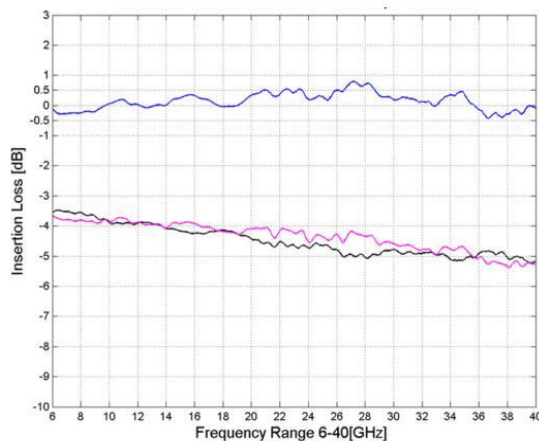


Figure 2: Delta IN IL& Amp Balance

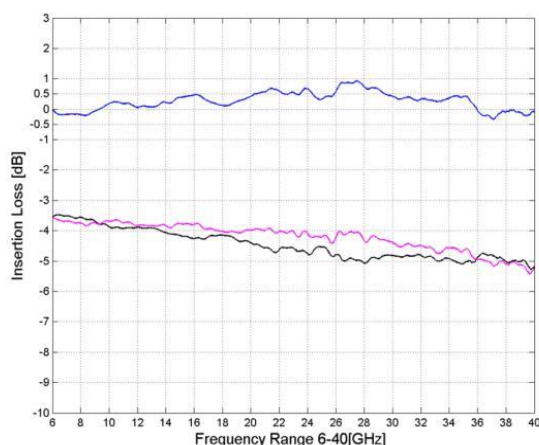


Figure 3: Sigma IN IL & Amp Balance

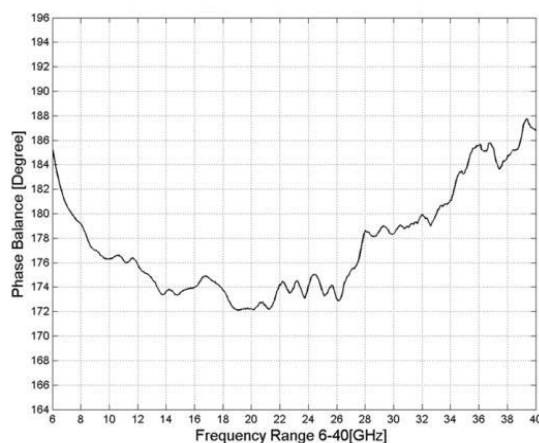


Figure 4: Delta IN Phase Balance

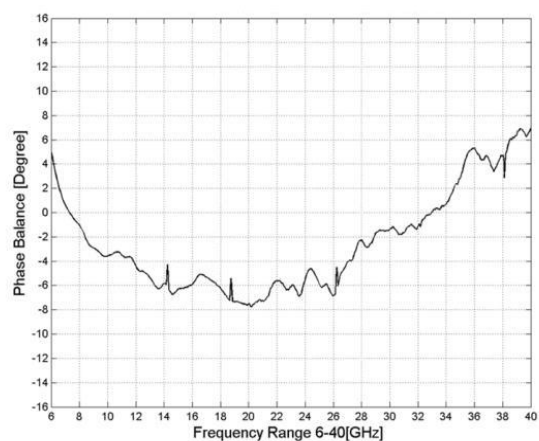


Figure 5: Sigma IN Phase Balance

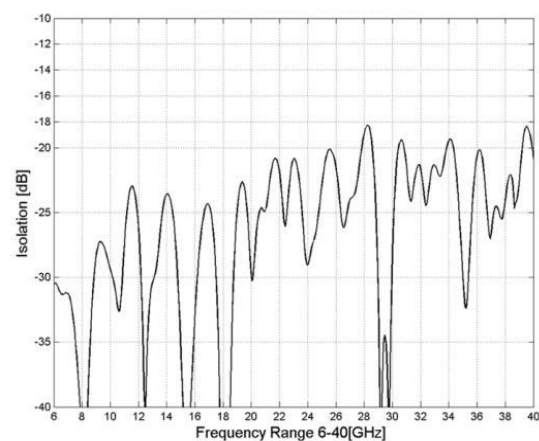


Figure 6: 0-180 Degree Isolation

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

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