

20dB Directional Coupler

ATM-C20-0126

Feature

1-26.5GHz Broadband Performance

Excellent Coupling Flatness

High Directivity

Low VSWR



Electrical Specifications -

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

Parameter	Frequency Range(GHz)	Min	Typ	Max	Unit
Mean Coupling	1-26.5GHz		20 +/-0.7		dB
Flatness			+/-0.7		dB
Direct Line Inserion Loss			1.5		dB
Main Line VSWR			1.2		
Coupler Line VSWR			1.2		
Directivity			14		dB
CW Peak			20		W
Peak Power			3000		W
Weight			80		g
Dimension(LxWxH)		88.9x 12.7 x17.8			mm

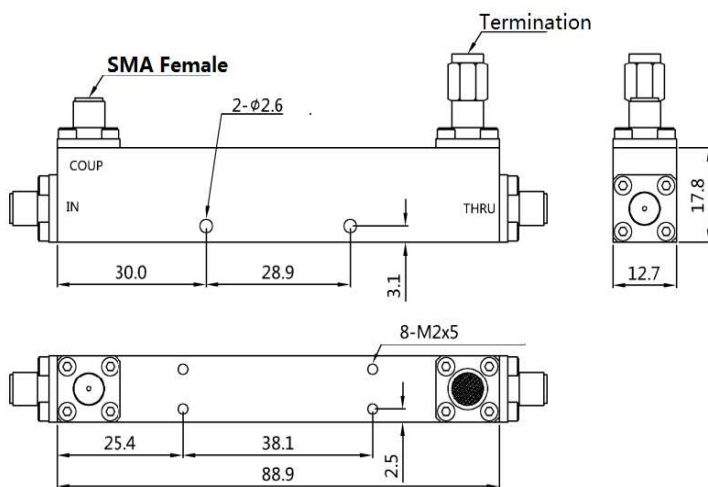
Order Information

Part Number	Description
ATM-C20-0126	1-26.5GHz 20dB Directional Coupler With SMA Female Connectors

Consult factory for other connectors option

Dimension

Unit: mm/Degree



AT Microwave

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ATM-C20-0126

Typical Performance

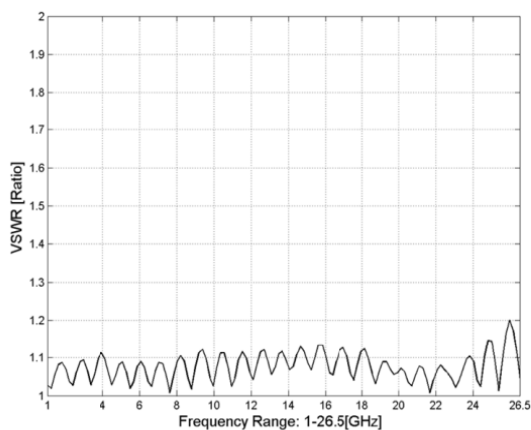


Figure 1: Input Port VSWR

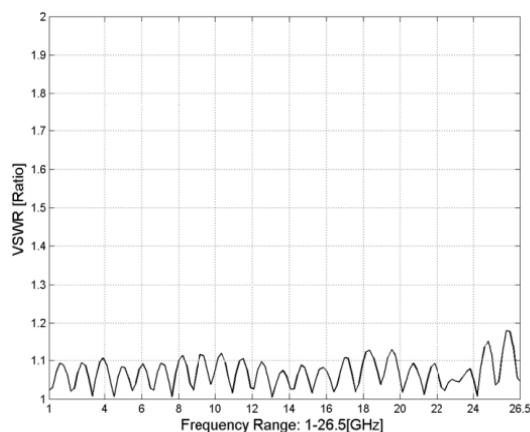


Figure 2: Thru Port VSWR

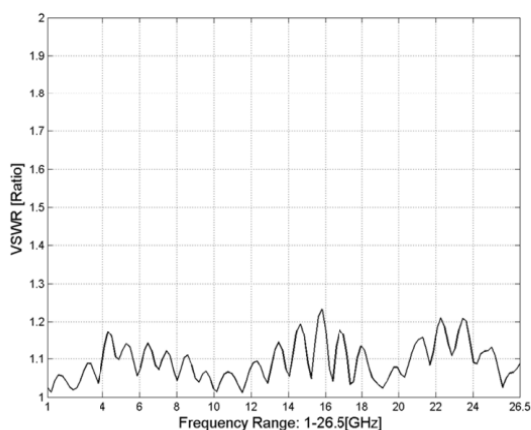


Figure 3: Coupling Port VSWR

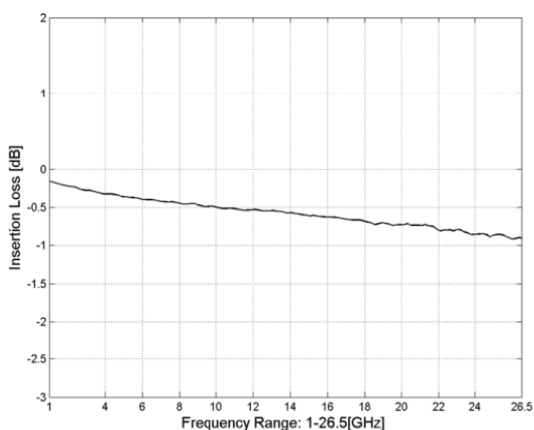


Figure 4: Main Line Insertion Loss

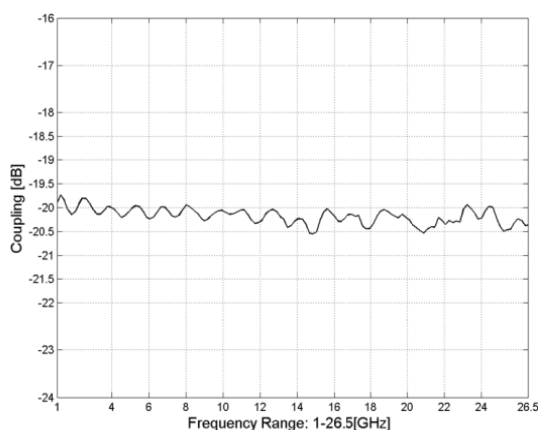


Figure 5: Coupling

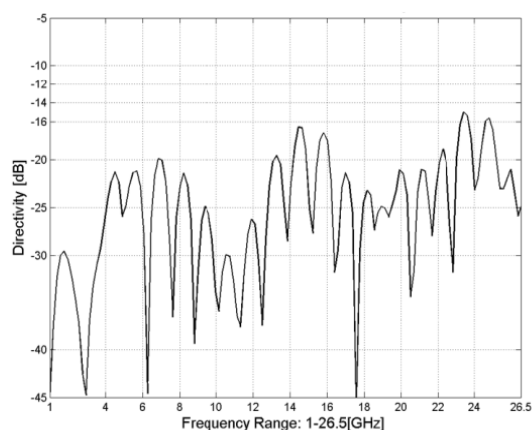


Figure 6: Directivity

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

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