

Features

- High power handling capability up to 50W
- Wide band operation
- High isolation within operational band
- Low Insertion loss
- Stable performance over temperature
- LMDS multi-carrier operation
- High peak to average handling capability
- All specifications can be modified upon request

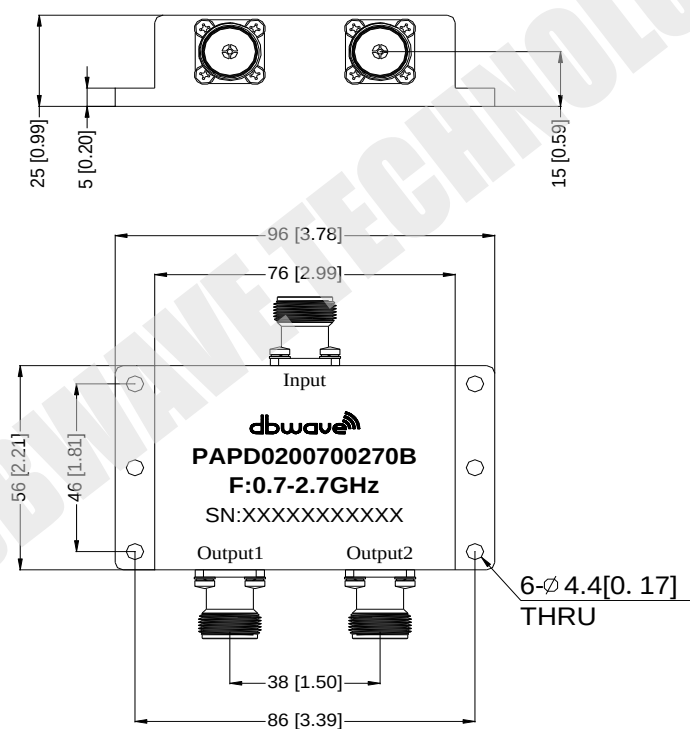


Outline Drawing:

All Dimensions in mm (inches)

Outline Tolerances ± 0.5 (0.02)

Mounting Holes Tolerances ± 0.2 (0.008)



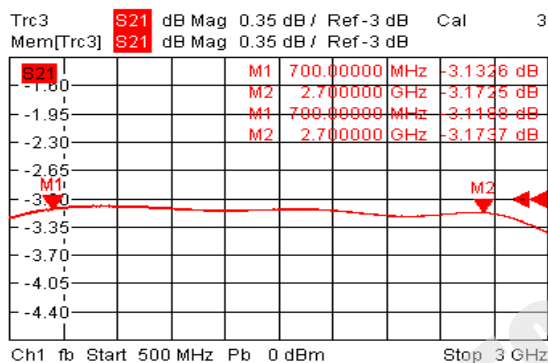
Environment specifications

Operational Temperature -40°C~+85°C

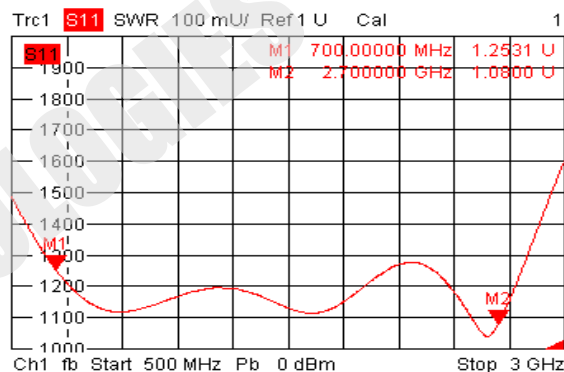
Storage Temperature -50°C~+105°C

Parameters	Min.	Typ.	Max.	Units
Frequency Range	0.7		2.7	GHz
Nominal Splitter Loss		3		dB
Insertion Loss		0.2	0.35	dB
Isolation	18	20		dB
Input VSWR		1.25	1.35	: 1
Output VSWR		1.2	1.3	: 1
Amplitude Imbalance		0.1	0.2	dB
Phase Imbalance		1.5	3	deg
Power Rating	Forward Power	50		W
	Reverse Power	5		W
	Peak Power	500 (10% Duty Cycle, 1 us Pulse Width)		W
Impedance		50		Ohms
Weight		8.3 Max.		ounces
Input / Output Connectors		N-Female		
Material		Aluminum		
Finish		Gray Paint		

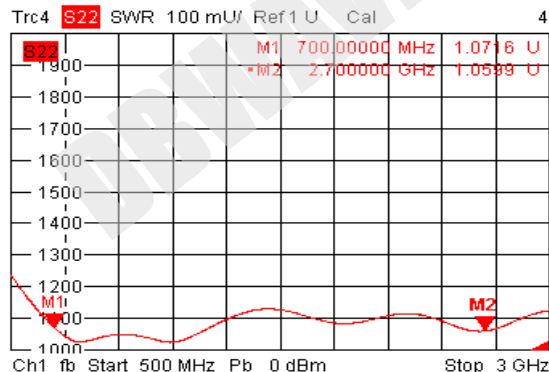
Loss & Amplitude Imbalance



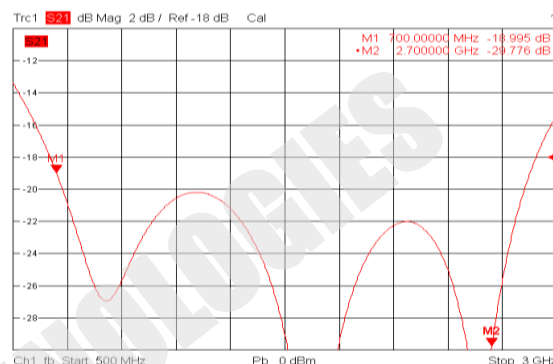
Input VSWR



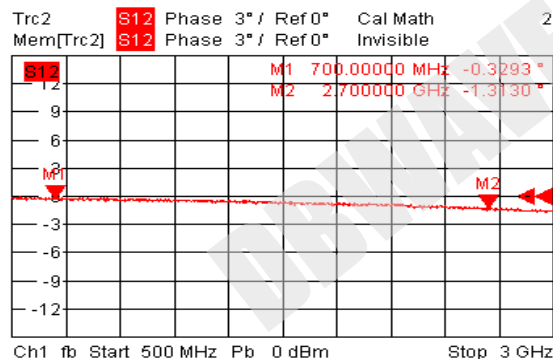
Output VSWR



Isolation



Phase Imbalance



DBWAVE TECHNOLOGIES and its affiliates reserve the right to make changes to the product(s) or information contained herein without notice. Visit www.dbwave.com for additional data sheets and product information.