

VMPD-2-800M/3G-SMAF

FEATURES

- ◆ Broadband 0.8 ~ 3GHz
- ◆ Small Package

TYPICAL APPLICATIONS

- ◆ Test & Measurement
- ◆ Multimarket



SPECIFICATIONS

PARAMETER	PERFORMANCE	CONDITIONS
Freq.	0.8 ~ 3GHz	
Insertion Loss	$\leq 0.5\text{dB}$	Excluding theoretical loss 3.0dB
Input Port VSWR	≤ 1.4	Input Port (Combiner)
Output Port VSWR	≤ 1.3	Output Port (Splitter)
Isolation	$\geq 20\text{dB}$	
Amplitude Balance	$\leq \pm 0.3\text{dB}$	
Phase Balance	$\leq \pm 5^\circ$	
Impedance	50 Ohms	
Total Input Power	35W	Splitter
	2W	Combiner
Port Connectors	SMA-Female	Passivated Stainless Steel
Operating Temperature	$-40^\circ\text{C} \sim +125^\circ\text{C}$	
Surface Finishing	Sandblasting natural color conductive oxide	
Size	42.4*38.4*14.7mm	
Weight	50g	

TYPICAL PERFORMANCE CURVES

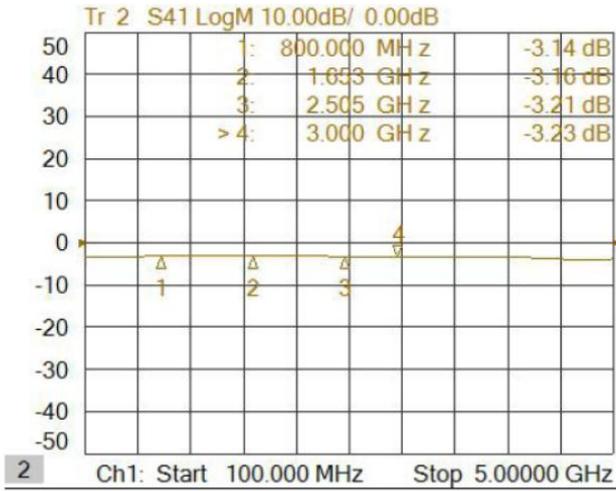


Fig 1 Insertion Loss

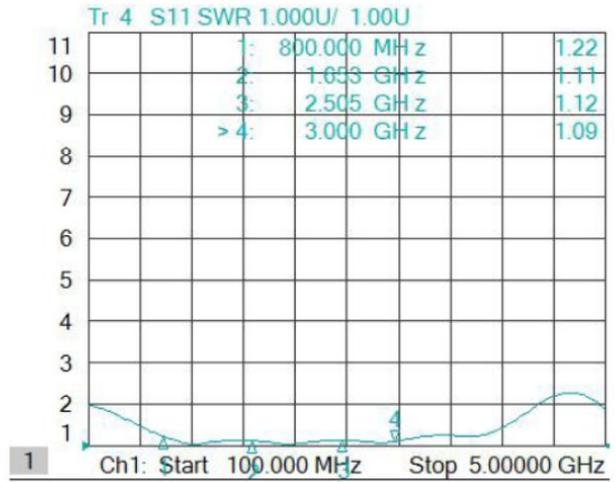


Fig 2 Input VSWR



Fig 3 Output VSWR

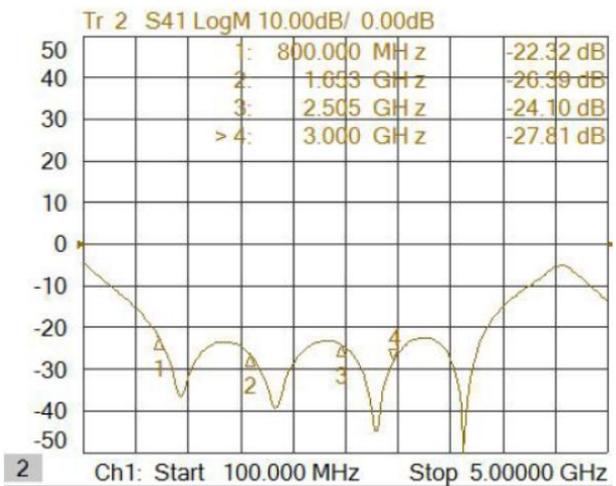
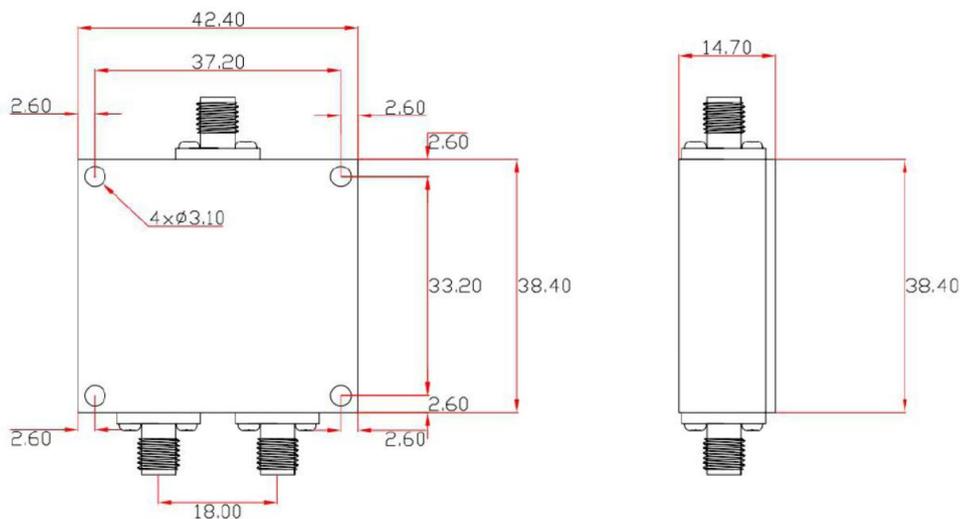


Fig 4 Isolation

OUTLINE AND SIZE



Note: Dimensions (mm / [inch]), General tolerance (± 0.3)