

## VMPD-8-800M/3G-SMAF

### FEATURES

- ◆ Broadband 0.8 ~ 3GHz
- ◆ Small Package

### TYPICAL APPLICATIONS

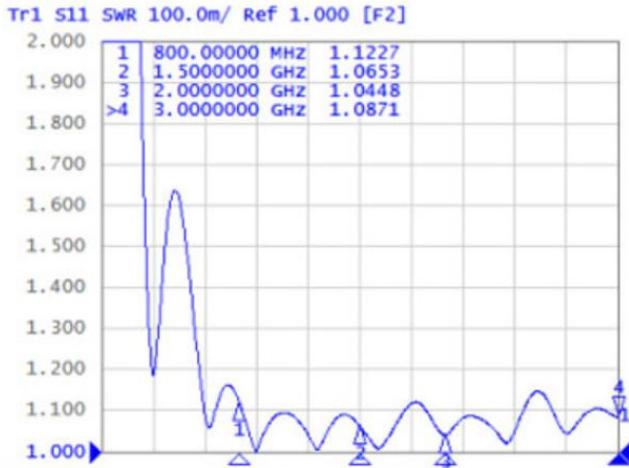
- ◆ Test & Measurement
- ◆ Multimarket



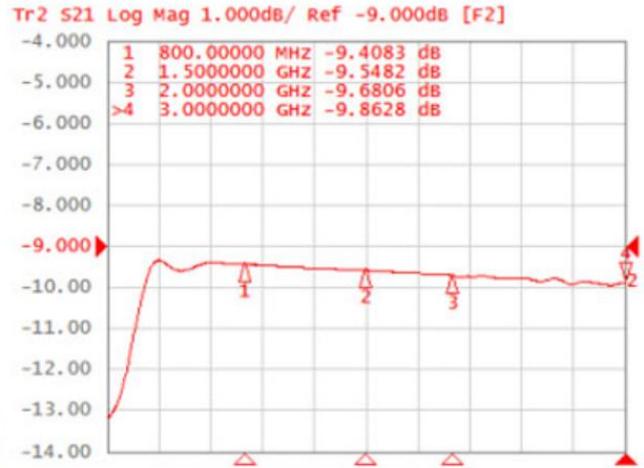
### SPECIFICATIONS

PARAMETER	PERFORMANCE	CONDITIONS
Freq.	800M ~ 3GHz	
Insertion Loss	$\leq 1.0\text{dB}$	Excluding theoretical loss 9.0dB
VSWR	$\leq 1.25$	Input Port (Combiner)
	$\leq 1.2$	Output Port (Splitter)
Isolation	$\geq 20\text{dB}$	
Amplitude Balance	$\leq \pm 0.3\text{dB}$	
Phase Balance	$\leq \pm 4^\circ$	
Impedance	50 Ohms	
Total Input Power	30W	Splitter
	2W	Combiner
Port Connectors	SMA-Female	
Operating Temperature	$-35^\circ\text{C} \sim +75^\circ\text{C}$	
Surface Finishing	Sandblasting natural color conductive oxide	
Size	116*86*14mm	
Weight	305 g	

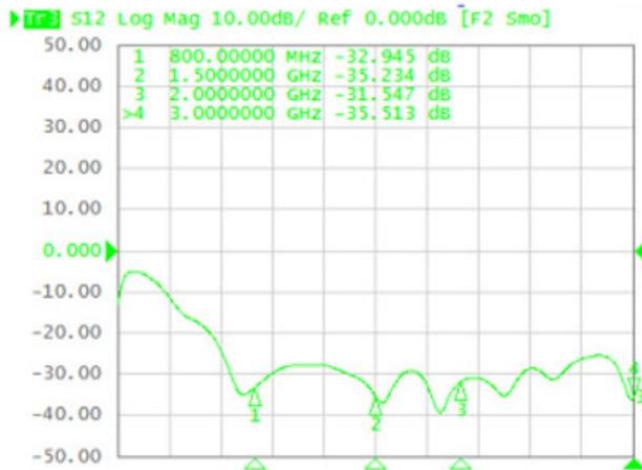
## TYPICAL PERFORMANCE CURVES



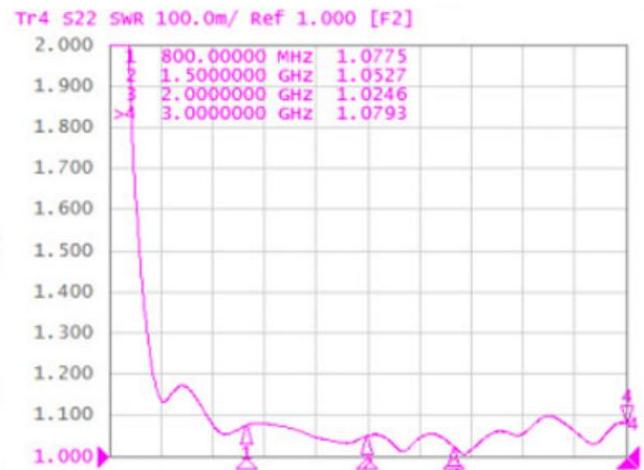
Pic 1 Input VSWR



Pic 2 Insertion loss

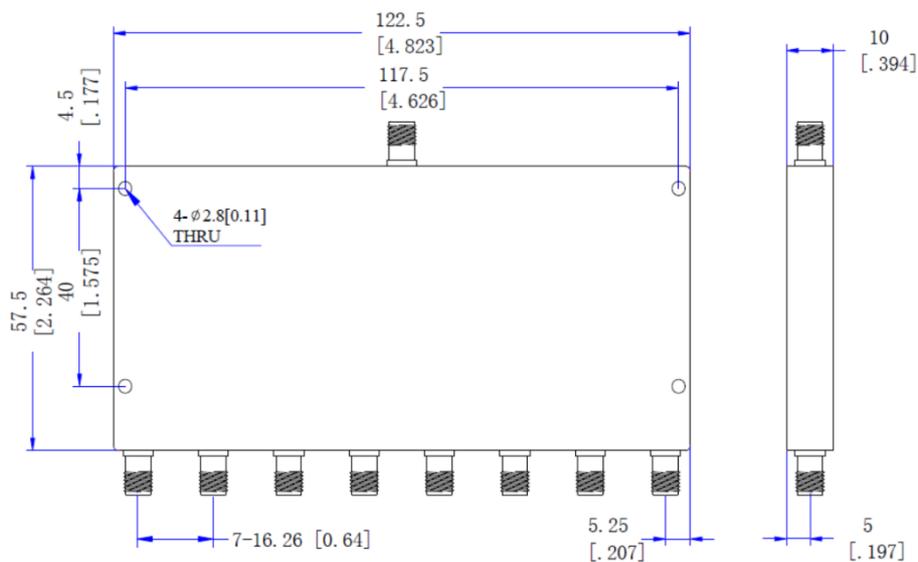


Pic 3 Isolation



Pic 4 Output VSWR

## OUTLINE AND SIZE



Note: Dimensions (mm / [inch]), General tolerance ( $\pm 0.3$ )