

VMPD-2-500M/18G-SMAF

FEATURES

- ◆ Broadband 0.5 ~ 18GHz
- ◆ Small Package

TYPICAL APPLICATIONS

- ◆ Test & Measurement
- ◆ Multimarket



SPECIFICATIONS

PARAMETER	PERFORMANCE	CONDITIONS
Freq.	0.5 ~ 18GHz	
Insertion Loss	≤ 1.0dB	Excluding theoretical loss 3.0dB
Input Port VSWR	≤ 1.5	Input Port (Combiner)
Output Port VSWR	≤ 1.5	Output Port (Splitter)
Isolation	≥ 16dB	
Amplitude Balance	≤ ±0.3dB	
Phase Balance	≤ ±4°	
Impedance	50 Ohms	
Total Input Power	30W	Splitter
	1W	Combiner
Port Connectors	SMA-Female	
Operating Temperature	-45°C~+85°C	
Surface Finishing	Black Paint	
Size	157*26*10mm	
Weight	120g	

TYPICAL PERFORMANCE CURVES

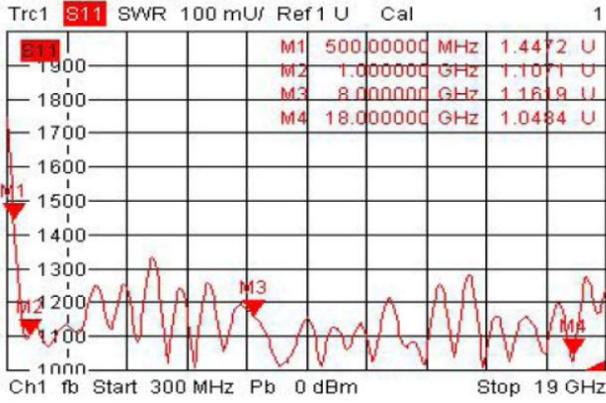


Fig 1 Input VSWR

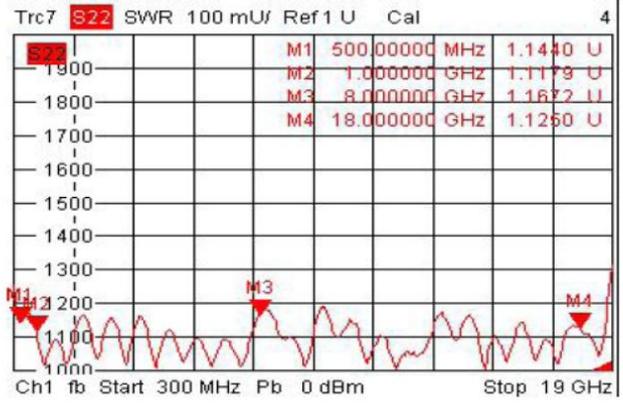


Fig 2 Output VSWR

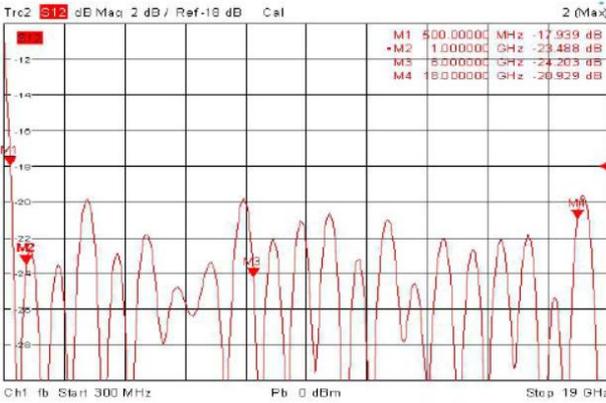


Fig 3 Isolation

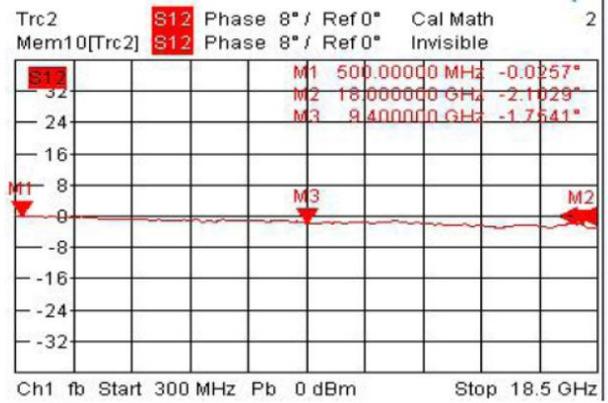


Fig 4 Phase Unbalance

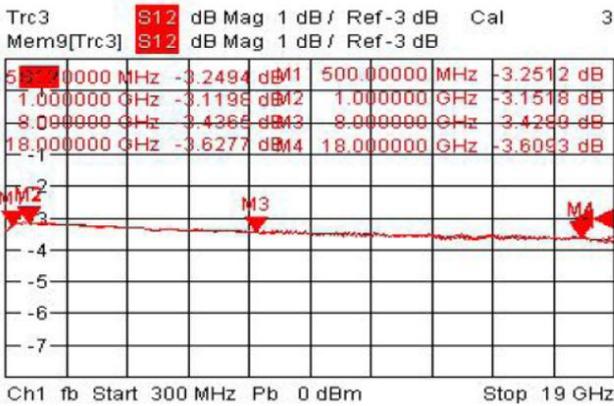
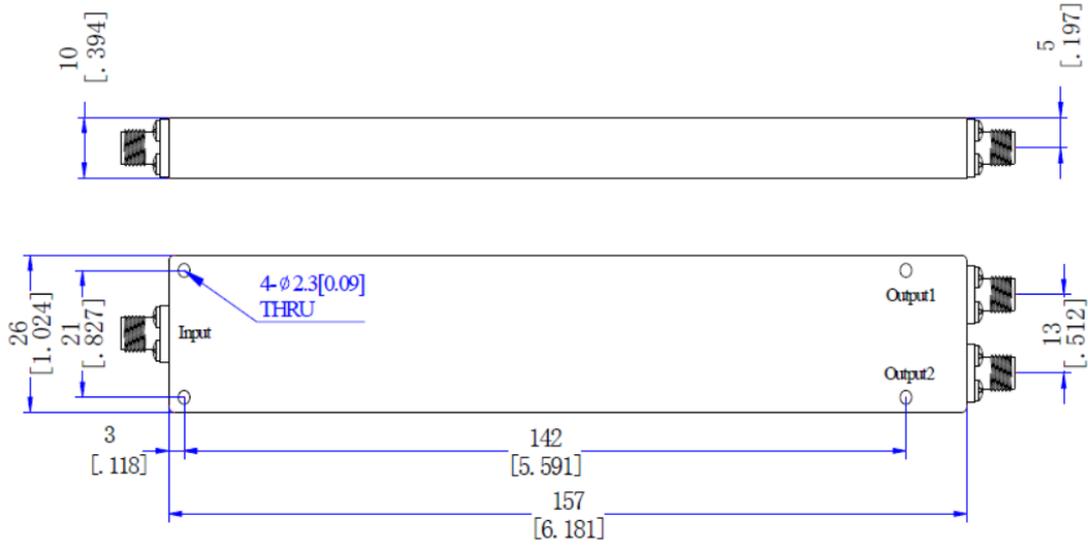


Fig 5 Loss & Amplitude Unbalance

OUTLINE AND SIZE



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