

DIRECTIONAL COUPLER

SMA Series
0.5-18GHz

Features

- ✓ Low Insertion Loss
- ✓ Full Frequency Bandwidth
- ✓ High Directivity



Specifications

FREQUENCY RANGE: 0.5-18GHz

CONNECTOR TYPE: SMA FEMALE

OPERATION TEMPERATURE: -40°C~+80°C

STORAGE TEMPERATURE: -55°C~+85°C

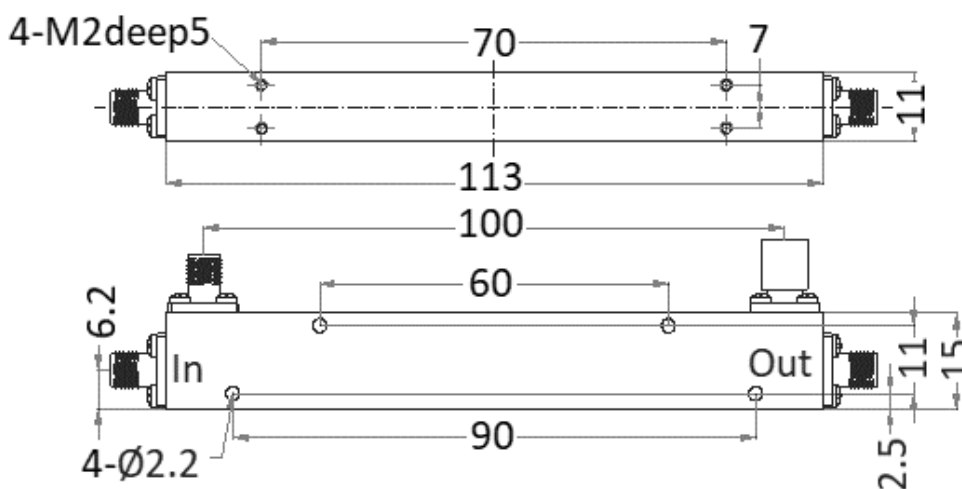
PART NUMBER	FREQUENCY (GHz)	NOMINAL COUPLING (dB)	COUPLING SENSITIVITY (dB)	INSERTION LOSS (dB)*	DIRECTIVITY (dB)	VSWR	POWER	
							FORWARD	PEAK
MVE4816-10	0.5-18.0	10.0±1	≤±1	≤1.2	≥10	≤1.6:1	30W	300W*

*Insertion Loss does not include 0.45 dB theoretical loss.

*10% Duty Cycle, 1 us Pulse Width.

Tolerance: ±0.5mm

Outline Drawing (Unit: mm)



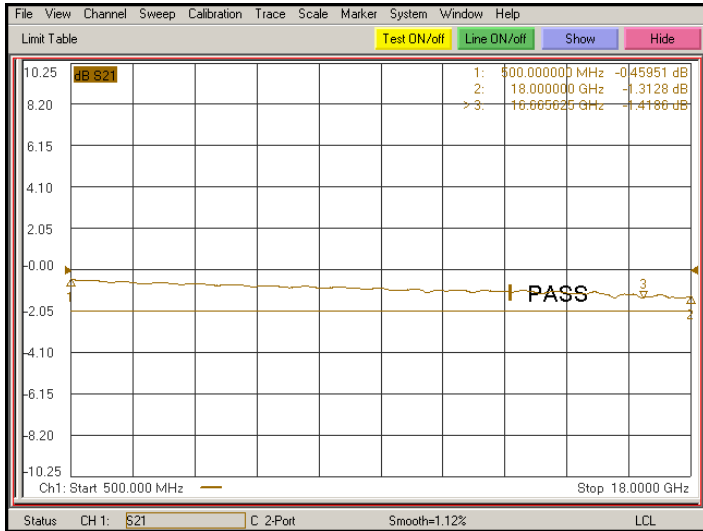
NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

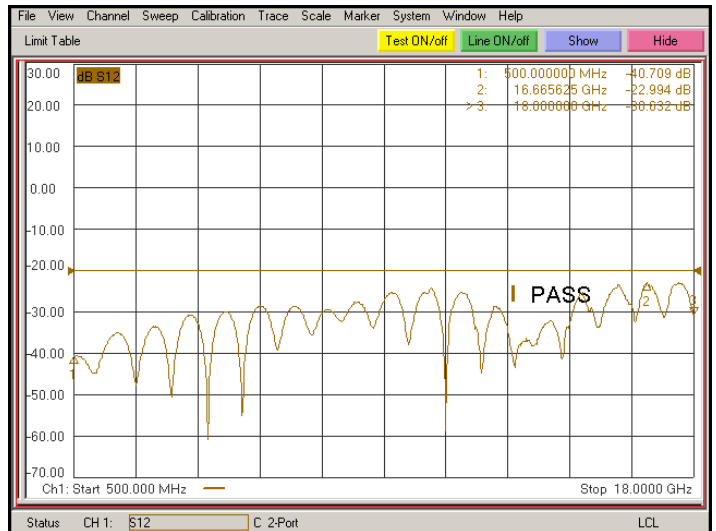


Typical Test Result

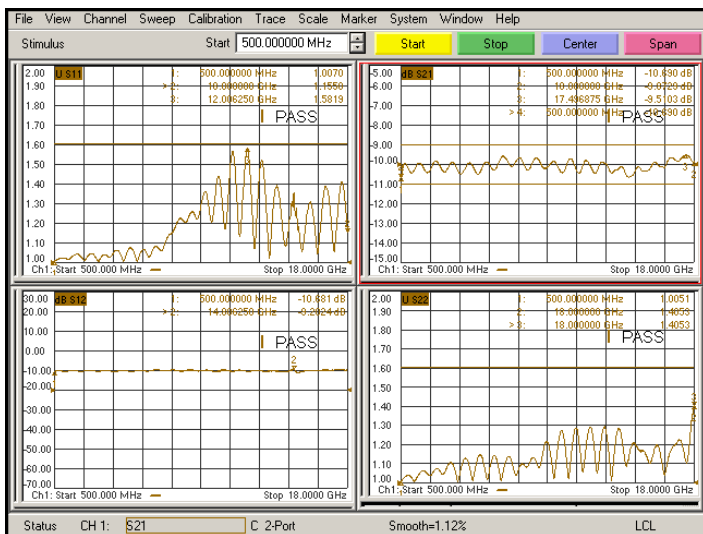
Insertion Loss



Directivity



Coupling Flatness VSWR



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