

# DIRECTIONAL COUPLER

SMA Series  
0.5-18GHz

## Features

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



## SEPCIFICATIONS

FREQUENCY RANGE: 0.5-18GHz

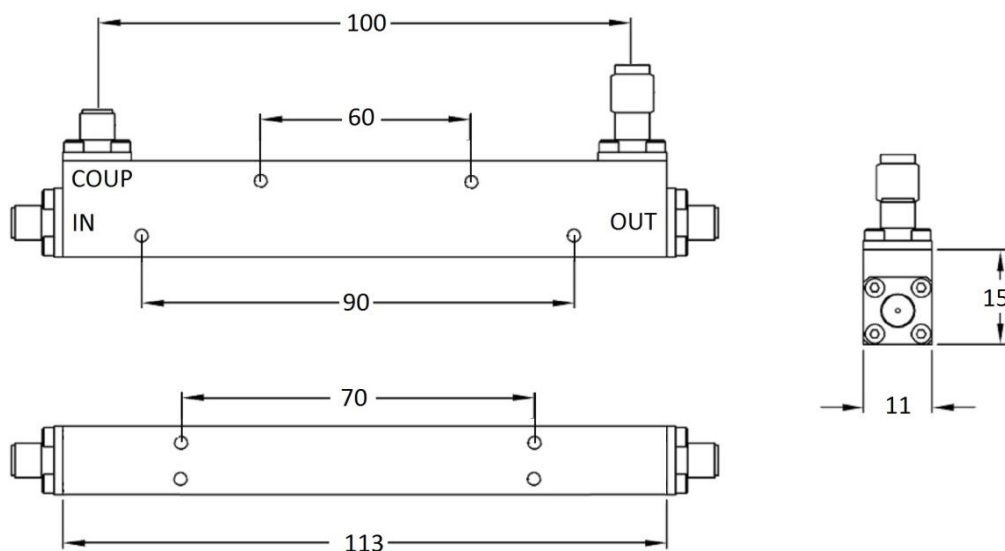
CONNECTOR TYPE: SMA FEMALE

OPERATION TEMPERATURE RANGE: -45°C~+80°C

PART NUMBER	FREQUENCY (GHz)	FREQUENCY SENSITIVITY (dB)	COUPLING VALUE (dB)	INSERTION LOSS (dB)Max.	DIRECTIVITY (dB)Min.	VSWR	POWER	
							AVERAGE	PEAK
MVE4816-10	0.5-18.0	±1	10.0±1	1.2	10	1.6:1	50Watts	500Watts

Tolerance: X= ±0.3

## Outline Drawing (Unit: mm)

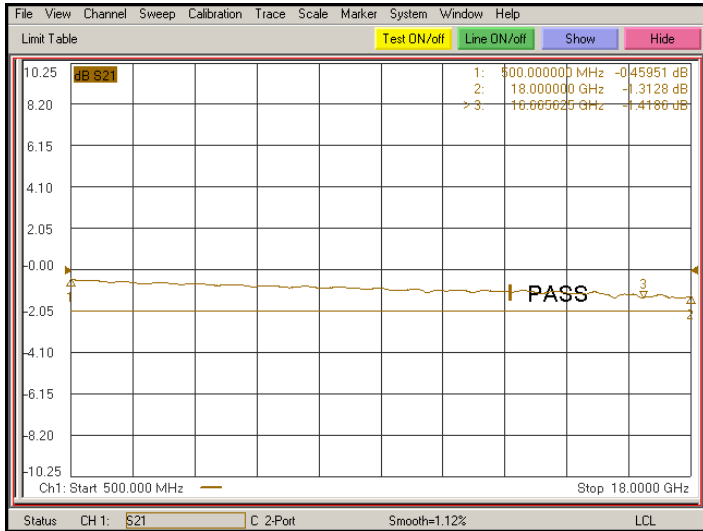


### NOTES:

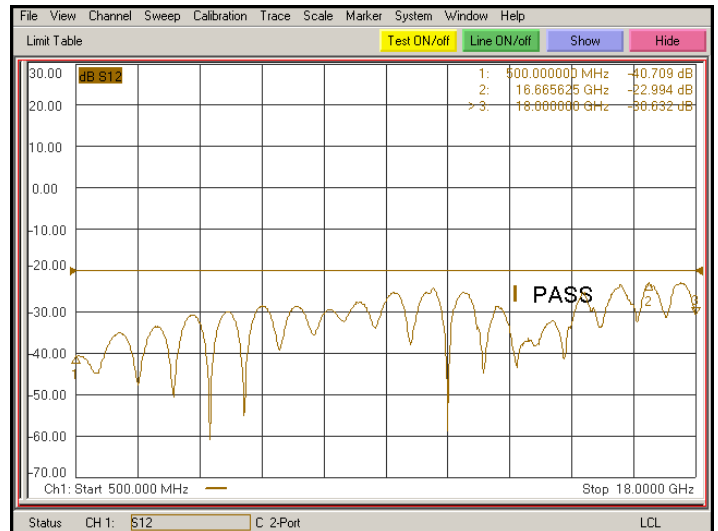
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

## Typical Test Result

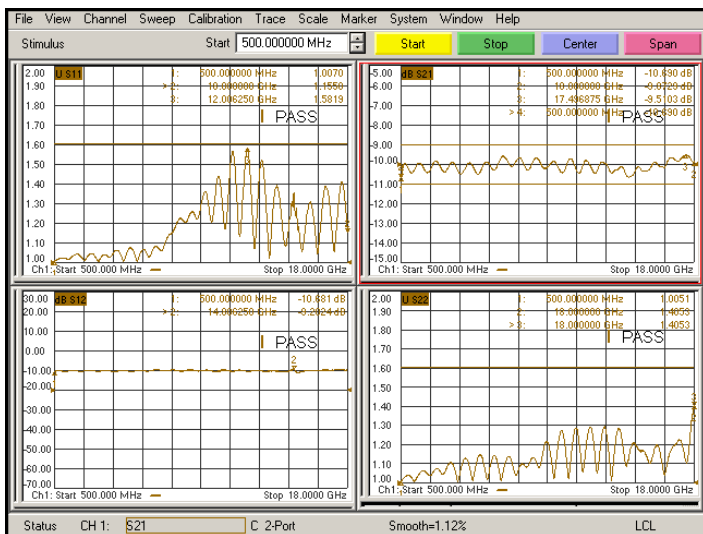
### Insertion Loss



### Directivity



### Coupling Flatness VSWR



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