

# DIRECTIONAL COUPLER

0.5-6GHz  
SMA Series

## Features

- ✓ Full Frequency Bandwidth
- ✓ High Directivity
- ✓ Low VSWR



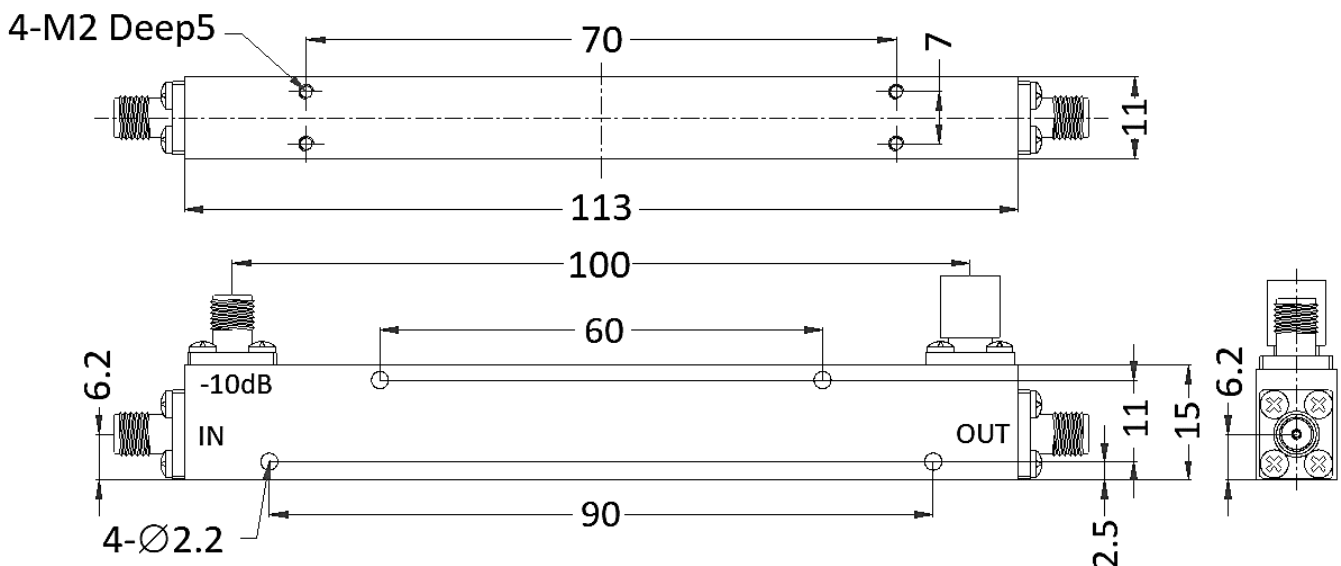
## Specifications

**FREQUENCY RANGE: 0.5-6 GHz**  
**CONNECTOR TYPE: SMA FEMALE**  
**TEMPERATURE RANGE: -40°C TO +80°C**

PART NUMBER	NOMINAL COUPLING	COUPLING SENSITIVITY	COUPLING LOSS	INSERTION LOSS	DIRECTIVITY	VSWR	FORWARD POWER
MVE4515-10	10±1dB	≤±0.7dB	0.45dB	≤0.7dB	≥18dB	1.20:1	50W

Tolerance:±0.5mm

## Outline Drawing (Unit: mm)



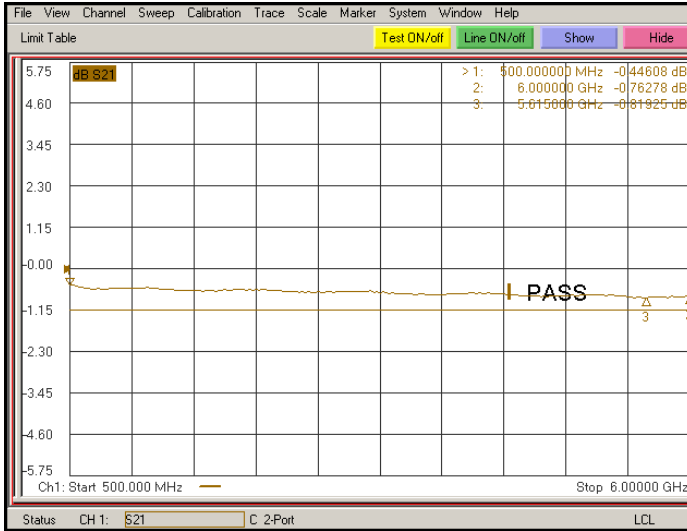
### NOTES:

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

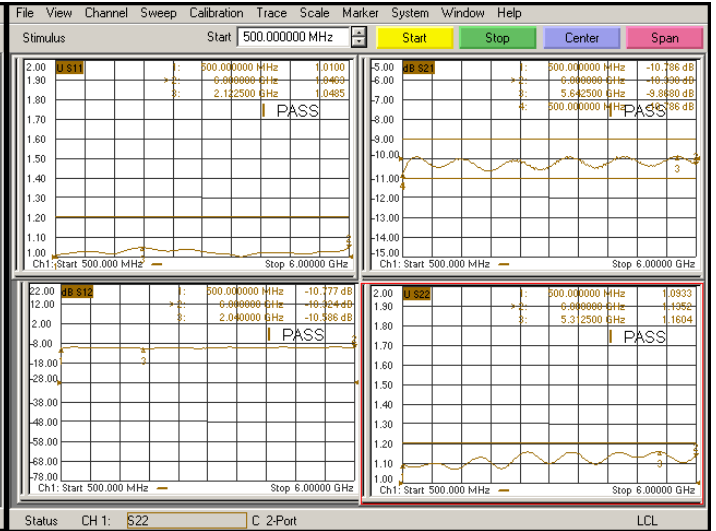


# Typical Test Report

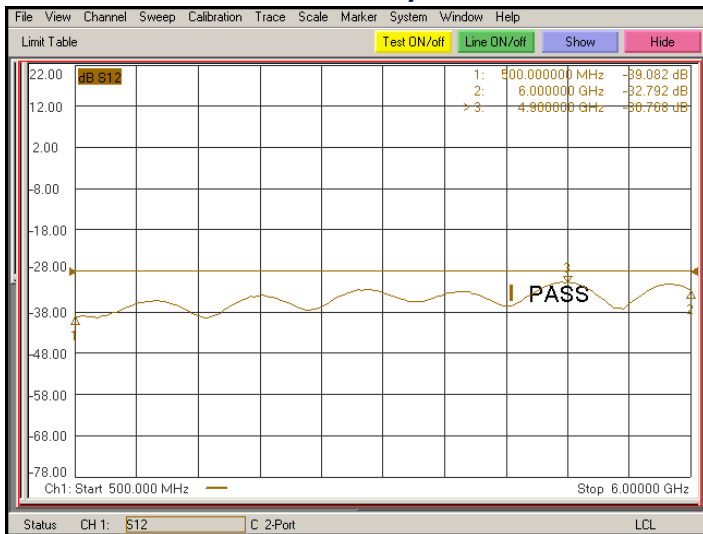
## Insertion Loss



## Coupling Flatness VSWR



## Directivity



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