

# POWER DIVIDER

## 2.92mm Resistive Type DC-40GHz

### Features

- ✓ Frequency up to 40 GHz
- ✓ Low Insertion Loss
- ✓ Low VSWR



### Specifications

FREQUENCY RANGE: DC-40GHz

CONNECTOR TYPE: 2.92mm Female

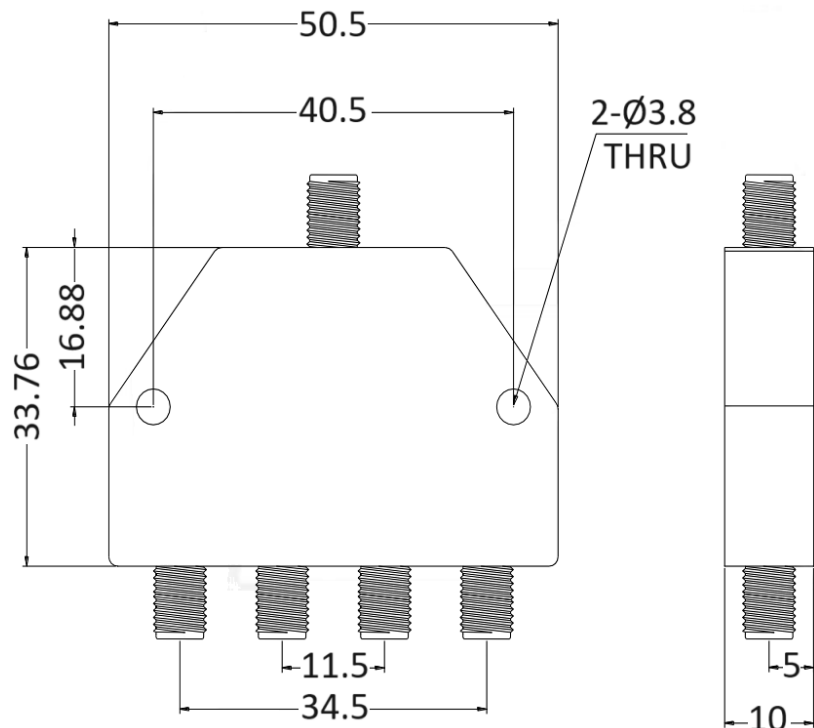
TEMPERATURE RANGE: -55°C TO +85°C

RELATIVE HUMIDITY: 0~90%

PART NUMBER	WAYS	INSERTION LOSS (MAX.)	ISOLATION (MIN.)	AMPLITUDE BALANCE	PHASE BALANCE	VSWR		POWER HANDLING
						INPUT	OUTPUT	
MVE8284B	4WAY	15dB	9dB	±0.6dB	±7°	1.90:1	2.50:1	1WATT

Tolerance: ±0.5mm

### Outline Drawing (Unit: mm)



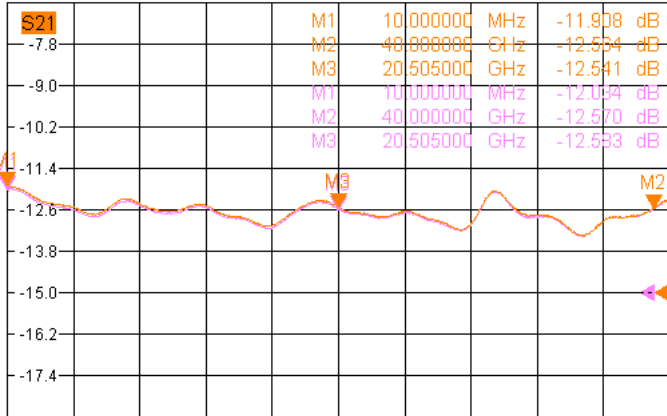
NOTES:

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



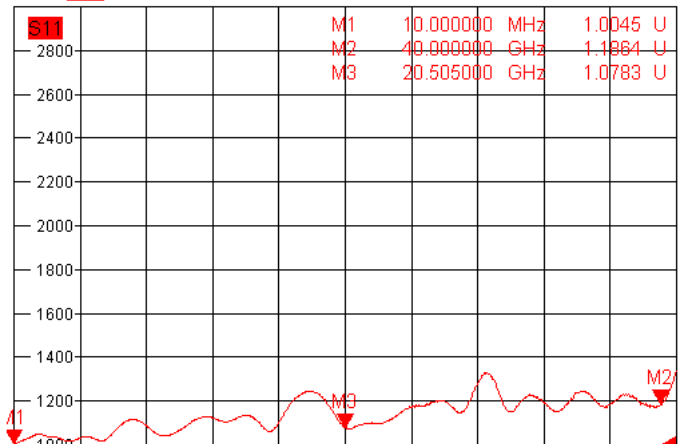
## Typical Test Result

Trc1 **S21** dB Mag 1.2 dB / Ref -15 dB Cal  
Mem5[Trc1] **S21** dB Mag 1.2 dB / Ref -15 dB



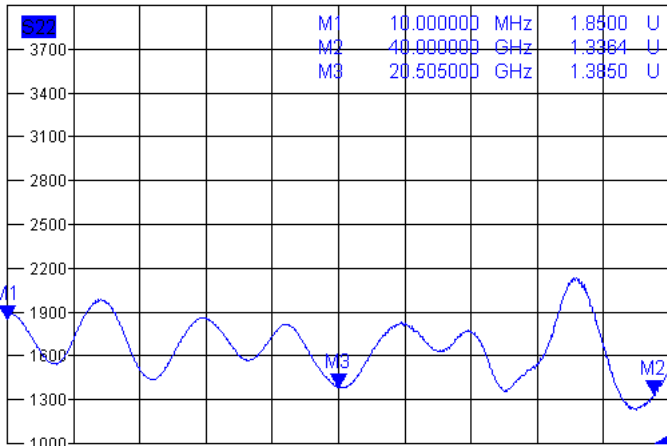
Ch1 fb Start 10 MHz Pb 0 dBm Stop 41 GHz

Trc2 **S11** SWR 200 mU / Ref 1 U Cal



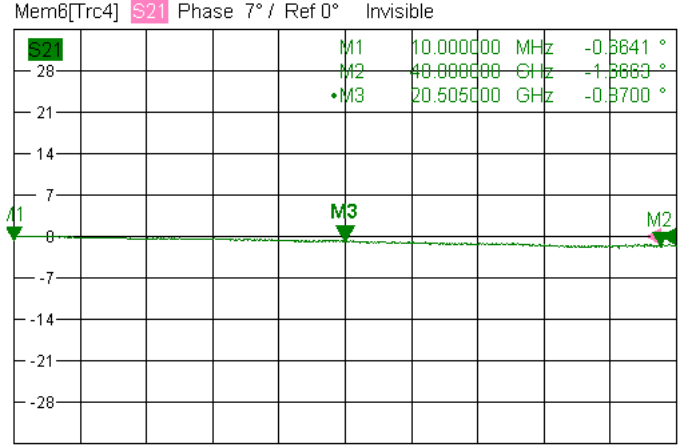
Ch1 fb Start 10 MHz Pb 0 dBm Stop 41 GHz

Trc3 **S22** SWR 300 mU / Ref 1 U Cal



Ch1 fb Start 10 MHz Pb 0 dBm Stop 41 GHz

Trc4 **S21** Phase 7° / Ref 0° Cal Math



Ch1 fb Start 10 MHz Pb 0 dBm Stop 41 GHz