



8-WAY WIDE BAND POWER DIVIDER MPD005060S8L

FEATURE

- Operating Frequency:0.5~18GHz
- Stable Performance and High Reliability
- High Isolation
- Low Insertion Loss
- Small Phase&Amplitude Errors
- Operating Temperature:-55~+85°C

APPLICATIONS

- Communication system
- Radar&Warfare system
- Test Equipment



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	0.5		6	GHz
Isolation	18			dB
Insertion Loss@Above 9.03dB Split			2	dB
VSWR Input			1.5	Ratio
VSWR Output			1.4	Ratio
Phase Balance			±8	degree
Amplitude Balance			±0.5	dB
Power Handling(Forward)			35	Watt
Power Handling(Reversed)			2	Watt

Note:Power Handling guaranteed when load's VSWR within 1.50:1.

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+85	°C
Non-operating Temperature	-55		+125	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Airbone		

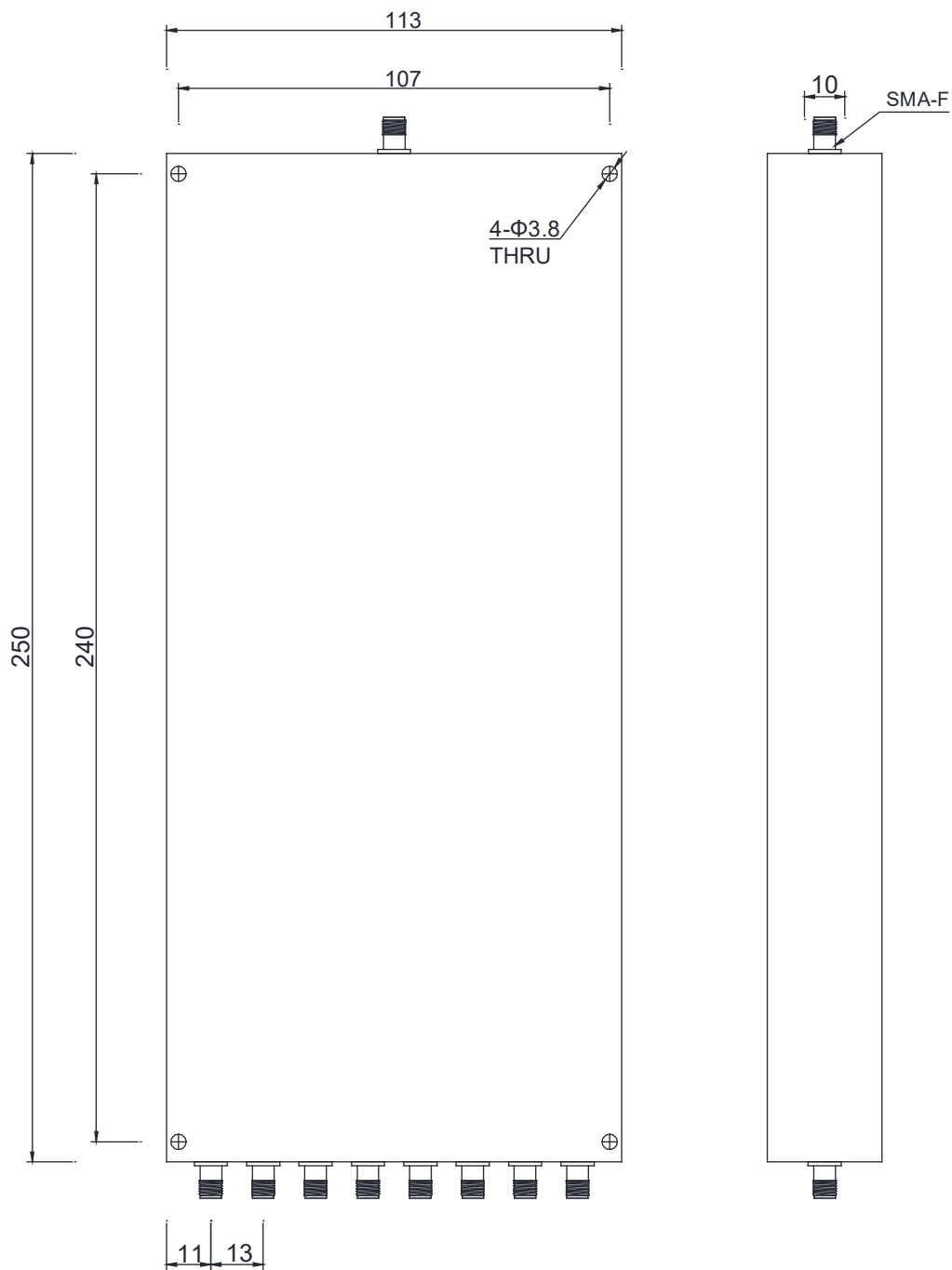
MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	113*250*10	Max	Millimeter
Weight	100	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms



4-WAY WIDE BAND POWER DIVIDER MPD005060S8L

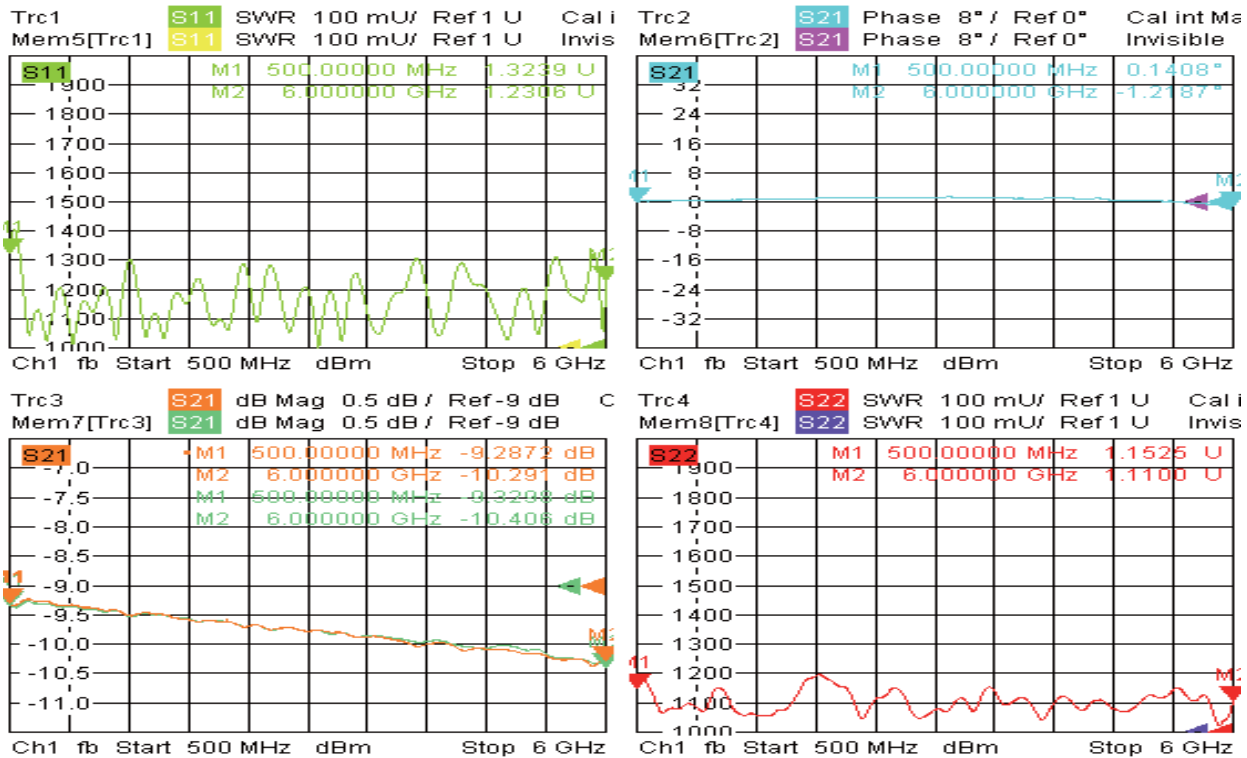
OUTLINE DRAWING(mm):



8D21

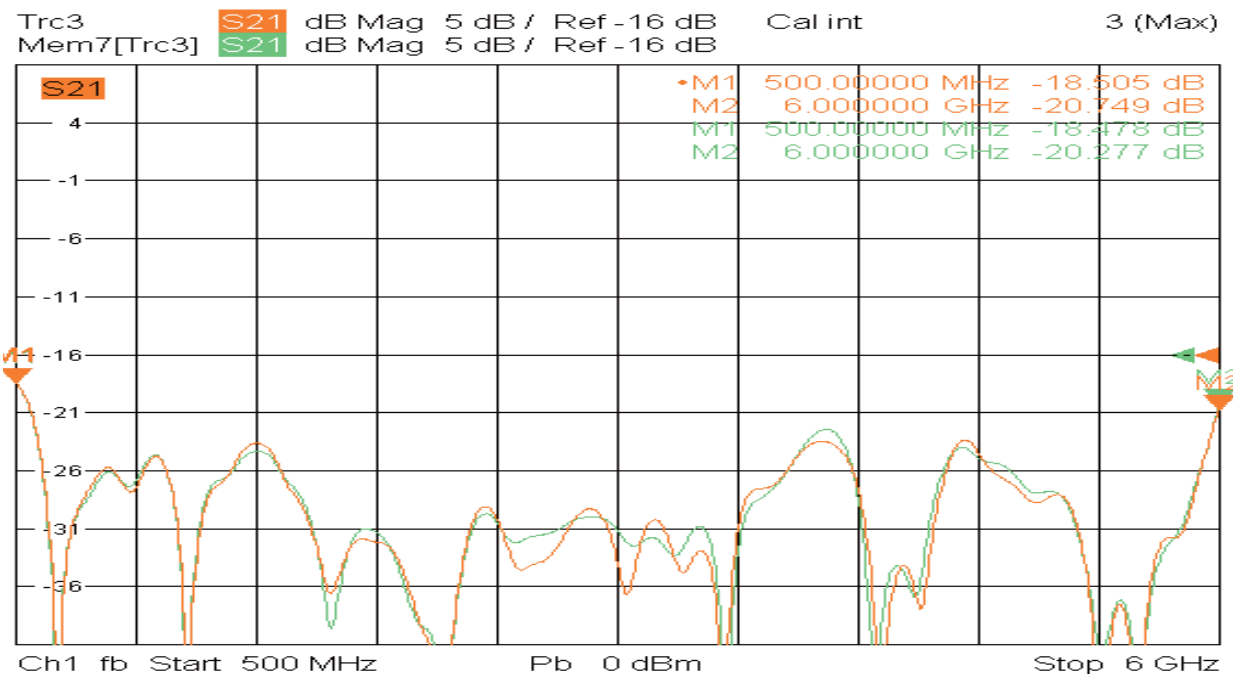
TEST DATA:

1. Insertion Loss, Amplitude & Phase Balance, VSWR



4/3/2019, 12:43 PM

2. Isolation



4/3/2019, 12:44 PM