



2-WAY WIDE BAND POWER DIVIDER MPD020040S2L

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:

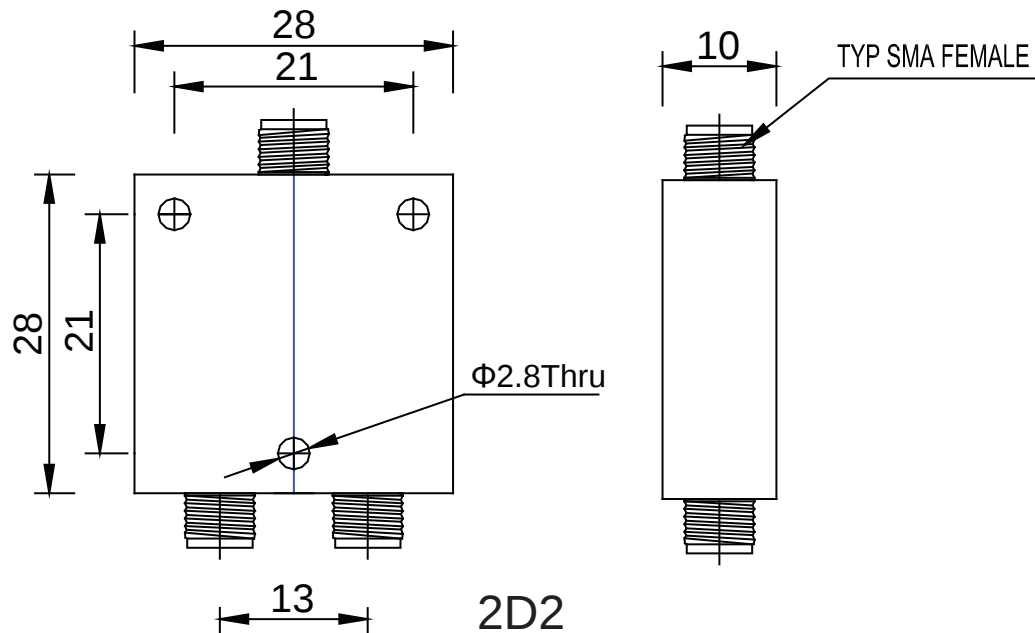
Parameter	Min	Typical	Max	Units
Frequency Range	2		4	GHz
Isolation	20			dB
Insertion Loss			0.35	dB
VSWR			1.25:1	Ratio
Phase Balance			±2	degree
Amplitude Balance			±0.2	dB
Power Handling(Forward)			30	watt
Power Handling(Reversed)			1	watt

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-55		+85	°C
Non-operating Temperature	-55		125	°C
Relative humidity (non-condensing)		90		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Airbone		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	28*28*10	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

OUTLINE DRAWING(mm):**TEST DATA:**

Characteristic	Specification	Test Data
Part Number	MPD020040S2L	MPD020040S2L
Frequency Range	2-4GHz	2-4GHz
Isolation	20dB	23.5dB
Insertion Loss	0.35dB	0.3dB
VSWR	1.25:1	1.17:1
Phase Balance	±2°	1.2°
Amplitude Balance	±0.2dB	±0.07dB