



2-WAY WIDE BAND POWER DIVIDER MPD120180S2M

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	12		18	GHz
Isolation	20			dB
Insertion Loss			0.6	dB
VSWR			1.4	Ratio
Phase Balance			5	degree
Amplitude Balance			0.4	dB
Power Handling (Forward)			30	Watt
Power Handling (Reversed)			0.5	Watt

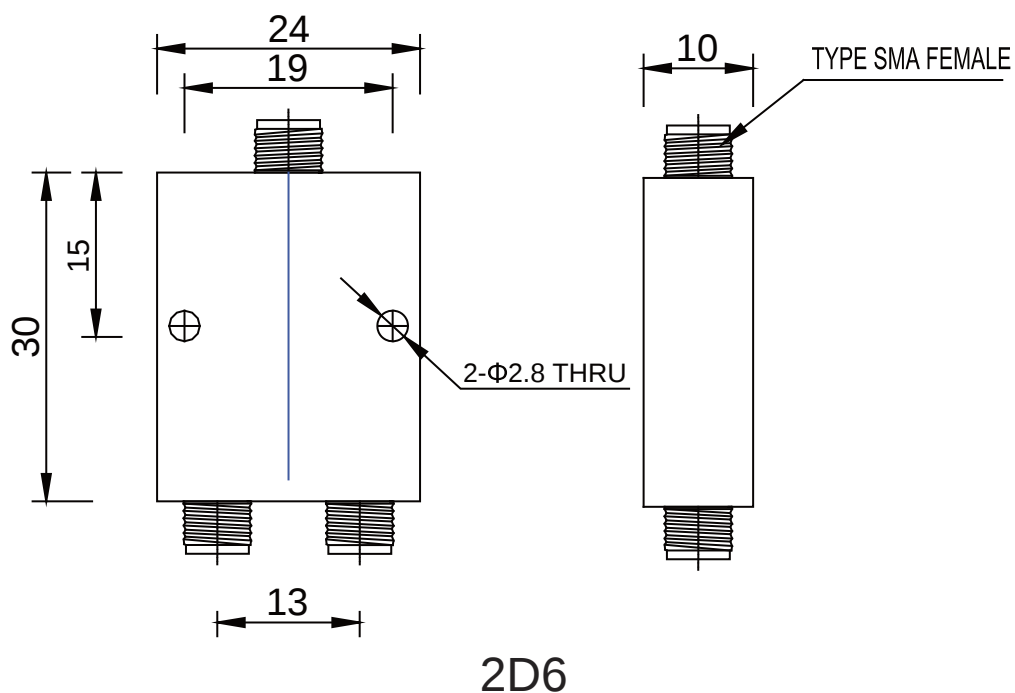
ENVIRONMENTAL RATINGS:

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	24*30*12	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

OUTLINE DRAWING(mm):



TEST DATA:

Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
12~18GHz	0.51dB	25.9dB	1.28:1	0.12dB	0.6°