



2-WAY WIDE BAND POWER DIVIDER MPD040080S2L

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:

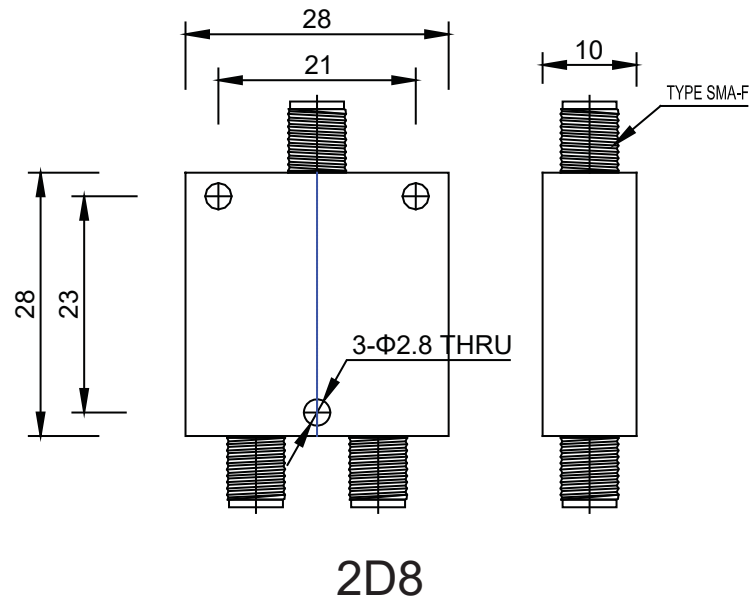
Parameter	Min	Typical	Max	Units
Frequency Range	4		8	GHz
Isolation	20			dB
Insertion Loss			0.5	dB
VSWR			1.25	Ratio
Phase Balance			±3	degree
Amplitude Balance			±0.3	dB
Power Handling(Forward)			20	Watt
Power Handling(Reversed)			1	Watt

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:**

Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance	Phase Balance
4~8GHz	0.46dB	25.0dB	1.10:1	0.05dB	1.3°