



2-WAY WIDE BAND POWER DIVIDER MPD037042S2M

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	3.7		4.2	GHz
Isolation	20			dB
Insertion Loss			0.35	dB
VSWR Input			1.25	Ratio
VSWR Output			1.2	Ratio
Phase Balance			4	degree
Amplitude Balance			0.2	dB
Power Average			10	watt

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	45*34*11	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

OUTLINE DRAWING(mm):

