



General Description:

MM-BPD-060180-02 is a 2-Way Power Divider operating over the 6.0 to 18.0 GHz frequency range. This model has a maximum insertion loss of 1.0 dB and has very good phase and amplitude match. The compact housing is outfitted with SMA female connectors.

Features:

- Ultra Wide Band: 6.0-18.0GHz
- Ultra Broadband, Multi-Octave
- Superior Phase & Amplitude Balance

Applications:

- Radar Systems
- Communication Systems
- Receivers Systems

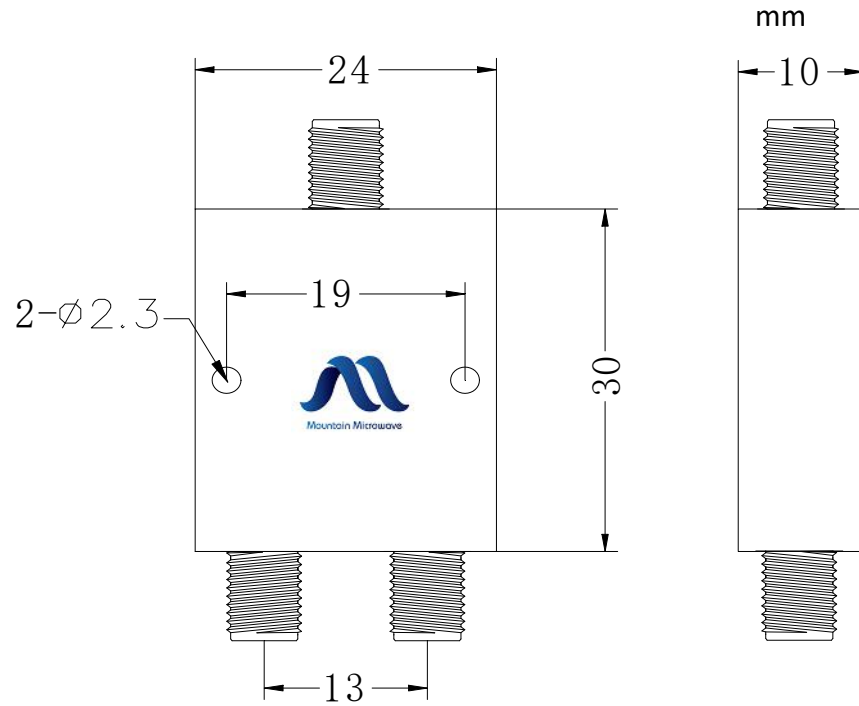
Electrical Specifications :

Parameter	Value			Units
	Min	Typ	Max	
Frequency Range	6.0		18.0	GHz
Insertion Loss			1.0	dB
VSWR			1.5	:1
Isolation	18			dB
Amplitude Balance			±0.5	dB
Phase Balance			±5	°
Power Handling			30	W
Impedance		50		Ω

Mechanical Specifications:

Parameter	Value
Length	30 mm
Width	24 mm
Height	10 mm
Material / Finishing	Aluminum/Black Paint
RF Connector	SMA Female

Outline Drawing:



Environmental Conditions:

Parameter	Standard	Description
Operational Temperature		-45 ~+85
Storage Temperature		-55 ~+125
Random Vibration	MIL-STD-883K, Method 2026, Cond. IB	50 - 2000 Hz, 7.3 Grms
Humidity	MIL-STD-202, Method 103B, Cond. B	100% RH at 35c, 95%RH at 40
Altitude	MIL-STD-883K, Method 1001, Cond. C	50,000 feet