



**General Description:**

MM-BPD-001005-04 is a 4-Way Power Divider operating over the 0.1 to 0.5 GHz frequency range. This model has a maximum insertion loss of 1.2 dB and has very good phase and amplitude match. The compact housing is outfitted with N female connectors.

**Features:**

- Ultra Wide Band: 0.1-0.5 GHz
- 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	100		500	MHz
Insertion Loss			1.2	dB
VSWR			1.25	:1
Isolation	20			dB
Amplitude Balance			±0.3	dB
Phase Balance			±5	°
Power Handling			50	W
Impedance		50		Ω

**Mechanical Specifications:**

Parameter	Value
Length	155 mm
Width	135 mm
Height	18 mm
Material / Finishing	Aluminum/Black Paint
RF Connector	N Female



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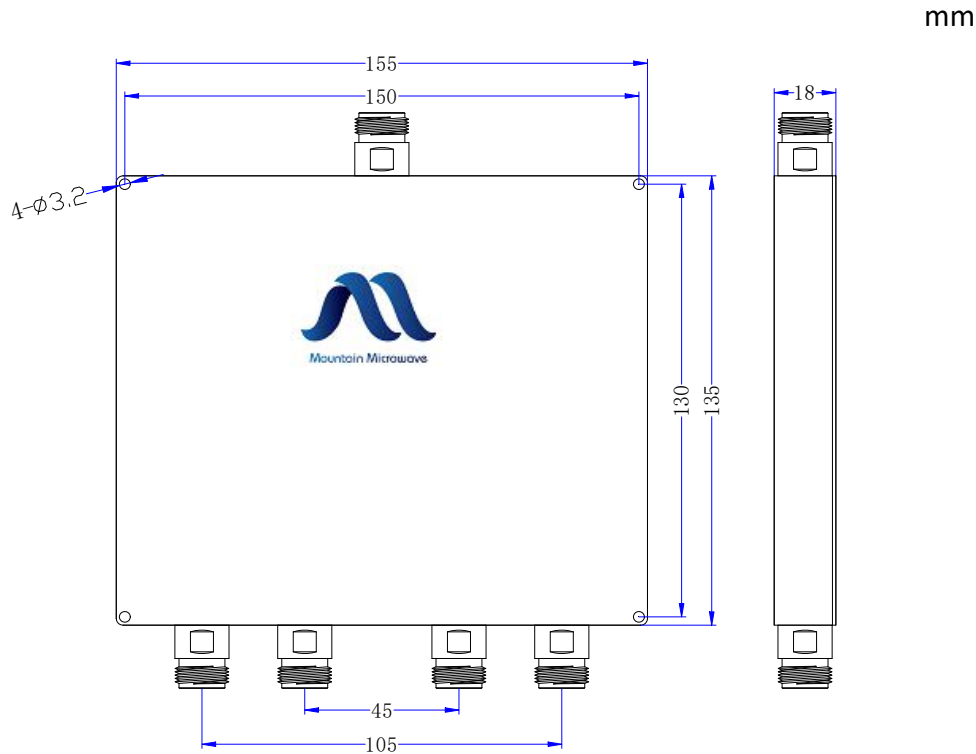
Broadband Power Divider

MM-BPD-001005-04

0.1-0.5 GHz, 4-Way

Mountain Microwave

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

Please note, all information contained in this data sheet is subject to change without notice.

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