



General Description:

MM-BPD-005060-08 is a 8-Way Power Divider operating over the 0.5 to 6.0 GHz frequency range. This model has a maximum insertion loss of 3.2 dB and has very good phase and amplitude match. The compact housing is outfitted with SMA female connectors.

Features:

- Ultra Wide Band: 0.5-6.0GHz
- 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 | 0.5 | | 6.0 | GHz |
| Insertion Loss | | | 3.2 | dB |
| VSWR | | | 1.6 | :1 |
| Isolation | 15 | | | dB |
| Amplitude Balance | | | ± 1.0 | dB |
| Phase Balance | | | ± 10 | ° |
| Power Handling | | | 30 | W |
| Impedance | | 50 | | Ω |

Mechanical Specifications:

| Parameter | Value |
|----------------------|----------------------|
| Length | 113 mm |
| Width | 69 mm |
| Height | 10 mm |
| Material / Finishing | Aluminum/Black Paint |
| RF Connector | SMA Female |



Mountain Microwave

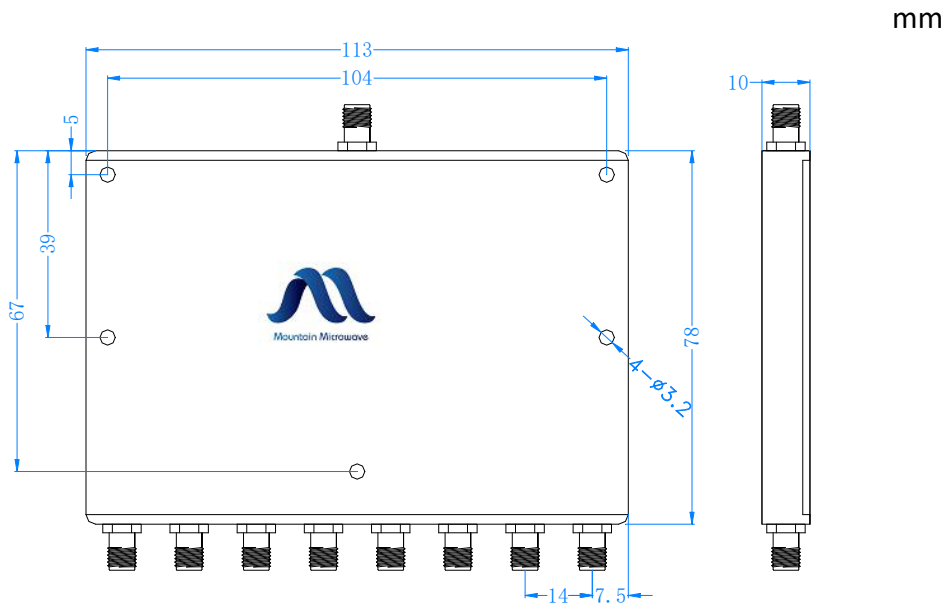
Focus on the future

Broadband Power Divider

MM-BPD-005060-08

0.5-6.0 GHz, 8-Way

Outline Drawing:



Environmental Conditions:

| Parameter | Standard | Description |
|-------------------------|-------------------------------------|-------------------------------|
| Operational Temperature | | -45°C~+85°C |
| Storage Temperature | | -55°C~+125°C |
| 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°C |
| 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.

ver 1.0 0316