



Mountain Microwave

Focus on the future

Broadband Power Divider

MM-BPD-180400-08

18.0-40.0 GHz, 8-Way

MM-BPD-180400-08 is a 8-Way Power Divider operating over the 18.0 to 40.0 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 2.92mm female connectors.

- Ultra Wide Band: 18.0-40.0 GHz
- Ultra Broadband, Multi-Octave
- Superior Phase & Amplitude Balance
- Radar Systems
- Communication Systems
- Receivers Systems

Frequency Range	18.0		40.0	GHz
Insertion Loss			3.2	dB
VSWR			1.7	:1
Isolation	18			dB
Amplitude Balance			± 0.6	dB
Phase Balance			± 6	$^{\circ}$
Power Handling			30	W
Impedance		50		Ω

Length	106.0 mm
Width	30.1 mm
Height	12.7 mm
Material / Finishing	Aluminum/Black Paint
RF Connector	2.92mm Female



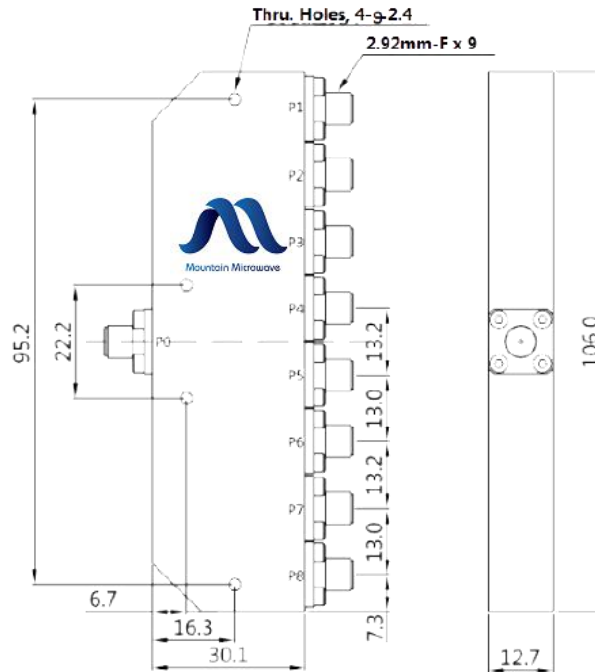
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Operational Temperature		-45°C~+85°C
Storage Temperature		-55°C~+125°C
Random Vibration	MIL-STD-883K, Method 2026, Cond. IB	50 - 2000 Hz, 7.3 Grms
Humidity	MIL-STD-202, Method 103B, Cond. B	100% RH at 35c, 95%RH at 40°C
Altitude	MIL-STD-883K, Method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