

0.5-40GHz Broadband Power Divider



Product Overview

AT Microwave offers high performance and broadband power divider from DC-67GHz, with SMA, SMA, 2,4mm and 1.85mm connectors.

Based on our excellent design work, precise machine tolerance and outstanding quality plating, we can provide band pass filter with low insertion loss, good return loss and high rejection at the same time.

More information, please visit www.atmicrowave.com

Advantages

- ✓ Broadband Performance
- ✓ Low Insertion Loss
- ✓ Good Amplitude and Phase balance
- ✓ Good Return Loss

Application

- ✓ 5G Communication
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System

Key Features

Parameter	0.5-18GHz	18-40GHz	Unit
Extra Insertion Loss	7.5	14	dB
Amplitude Balance	+/-0.8	+/-1.2	dB
Phase Balance	+/-8	+/-12	Degree
VSWR	2.0	2.3	
Isolation	15	15	dB
Normal Power Splitting	9	9	dB
Normal Phase Shift	0	0	Degree
CW Power Forward	20	20	W
CW Power Reverse	1	1	W
Spec Temp		25C	





AT-PD8-0R540

0.5-40GHz Broadband Wilkinson Power Divider

Mechanical Information

Item	Description
Input Port	2.92mm Female
Output Port	2.92mm Female
Case Material	Aluminum
Finish	Painted
Weight	180g
Size:	See outline

Absolute Maximum Ratings Table

Parameter	Value
RF Input Power CW Forward	20W
RF Input Power CW Reverse	1W
Operating Temperature	-40 to + 85C
Storage Temperature	-55 to +125C

Notes:

1. Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
2. This data is only for reference, not for guaranteed specifications.
3. Please contact AT Microwave team to make sure you have the most current data.

