

Atlantic Microwave Broadband Power Dividers

- 0.5 - 18 GHz
- 2, 4 & 8 Way
- Octave & Multi-Octave
- Miniature Size
- High Isolation
- Very Cost Effective



Operating frequency range 0.5 - 18 GHz



Miniature



High Isolation



Octave & Multi-Octave



General Specifications	
Impedance	50 ohms
Power as a Divider	10 watts into 1.2:1 Load VSWR
Power as a Combiner	2 watts max
Design	Wilkinson, Stripline
Circuit	PTFE Based
Housing	Aluminium
Finish	Matt Paint
Connectors	SMA Female to MIL-C-39012
Outline Drawings	Available on request
Operating Temperature	-40 +70C

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

Model No.	No. of Ways	Freq. Range (GHz)	Insertion Loss (dB)	Input VSWR Max	Output VSWR Max	Iso. (dB) Min	Amp. Bal. (+/- dB) Max	Phase Bal. (+/- deg) Max	Size (LxWxH) mm
BPD-010080-2	2	1-8	1.2	1.35	1.30	18	0.3	6	41 x 28 x 10
BPD-020180-2	2	2-18	1.2	1.50	1.50	16	0.3	5	47 x 24 x 10
BPD-010124-2	2	1-12.4	1.5	1.4	1.3	16	0.4	6	80 x 24 x 10
BPD-005060-2	2	0.5-6	0.8	1.4	1.3	18	0.2	3	150 x 29.4 x 10
BPD-005020-2	2	0.5-2	0.5	1.25	1.20	20	0.2	2	54 x 28 x 10
BPD-008025-2	2	0.8-2.5	0.4	1.30	1.20	20	0.2	2	35 x 28 x 10
BPD-010040-2	2	1-4	0.5	1.30	1.20	20	0.3	2	28 x 28 x 10
BPD-020080-2	2	2-8	0.6	1.30	1.20	20	0.3	4	28 x 28 x 10
BPD-040180-2	2	4-18	0.8	1.50	1.50	18	0.4	5	36 x 24 x 10
BPD-010020-2	2	1-2	0.35	1.20	1.15	20	0.2	2	28 x 28 x 10
BPD-020040-2	2	2-4	0.35	1.25	1.20	20	0.2	2	28 x 28 x 10
BPD-040080-2	2	4-8	0.5	1.25	1.20	20	0.3	3	28 x 28 x 10
BPD-060180-2	2	6-18	0.7	1.50	1.50	18	0.4	5	30 x 24 x 10
BPD-010080-4	4	1-8	2.2	1.50	1.40	15	0.35	6	70.5 x 56 x 10
BPD-020180-4	4	2-18	2	1.65	1.60	16	0.6	10	60 x 69 x 10
BPD-010124-4	4	1-12.4	2.8	1.6	1.3	16	0.5	7	90 x 75 x 10
BPD-005060-4	4	0.5-6	1.6	1.5	1.4	18	0.3	4	153 x 72 x 10
BPD-005020-4	4	0.5-2	1.0	1.25	1.20	20	0.3	3	76 x 56 x 10
BPD-008025-4	4	0.8-2.5	0.7	1.30	1.20	20	0.3	6	50 x 56 x 10
BPD-010040-4	4	1-4	1.1	1.30	1.20	20	0.3	4	43 x 56 x 10
BPD-020080-4	4	2-8	1.4	1.40	1.30	18	0.4	4	50 x 56 x 10
BPD-040180-4	4	4-18	1.6	1.60	1.50	18	0.5	8	60 x 50.5 x 10
BPD-010020-4	4	1-2	0.6	1.25	1.25	20	0.3	3	43 x 56 x 10
BPD-020040-4	4	2-4	0.4	1.25	1.20	22	0.3	3	43 x 56 x 10
BPD-040080-4	4	4-8	1.0	1.30	1.25	20	0.3	3	43 x 56 x 10
BPD-060180-4	4	6-18	1.3	1.60	1.50	18	0.5	8	45 x 50.5 x 10
BPD-010080-8	8	1-8	2.8	1.8	1.8	16	0.3	8	80 x 108 x 10
BPD-020180-8	8	2-18	3	1.8	1.8	15	0.8	10	95 x 148.5 x 10
BPD-005060-8	8	0.5-6	2.5	1.8	1.8	18	0.3	6	191 x 136 x 10
BPD-005020-8	8	0.5-2	1.5	1.40	1.20	20	0.3	3	103 x 108 x 10
BPD-008025-8	8	0.8-2.5	1.3	1.40	1.25	20	0.5	8	75 x 108 x 10
BPD-010040-8	8	1-4	1.5	1.35	1.25	20	0.4	4	63 x 108 x 10
BPD-020080-8	8	2-8	1.8	1.60	1.30	18	0.7	7	63 x 108 x 10
BPD-010020-8	8	1-2	1.0	1.30	1.20	20	0.4	5	63 x 108 x 10
BPD-020040-8	8	2-4	0.8	1.30	1.20	20	0.4	5	63 x 108 x 10
BPD-040080-8	8	4-8	1.2	1.50	1.25	18	0.4	4	63 x 108 x 10
BPD-060180-8	8	6-18	2.2	1.80	1.50	18	0.8	10	57.5 x 101.5 x 10

