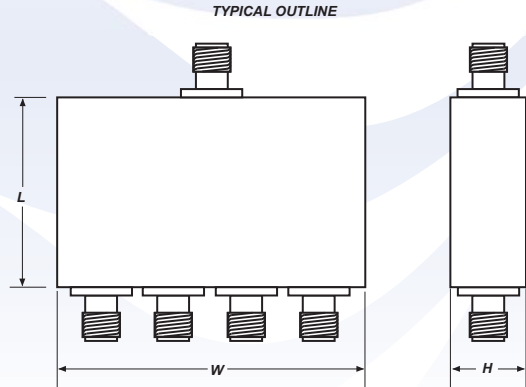


Broadband Power Dividers



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

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 to +70C



Model No.	No. of Ways	Frequency Range (GHz)	Insertion Loss (dB) max.	Input VSWR max.	Output VSWR max.	Isolation (dB) min.	Amp. Bal. (+/- dB)	Phase Bal. (+/- deg)	Size (LxWxH) mm
BPD-010080-2	2	1-8	1.20	1.35	1.30	18	0.30	6	41 x 28 x 10
BPD-020180-2	2	2-18	1.20	1.50	1.50	16	0.30	5	47 x 24 x 10
BPD-010124-2	2	1-12.4	1.50	1.40	1.30	16	0.40	6	80 x 24 x 10
BPD-005060-2	2	0.5-6	0.80	1.40	1.30	18	0.20	3	150 x 29.4 x 10
BPD-005020-2	2	0.5-2	0.50	1.25	1.20	20	0.20	2	54 x 28 x 10
BPD-008025-2	2	0.8-2.5	0.40	1.30	1.20	20	0.20	2	35 x 28 x 10
BPD-010040-2	2	1-4	0.50	1.30	1.20	20	0.30	2	28 x 28 x 10
BPD-020080-2	2	2-8	0.60	1.30	1.20	20	0.30	4	28 x 28 x 10
BPD-040180-2	2	4-18	0.80	1.50	1.50	18	0.40	5	36 x 24 x 10
BPD-010020-2	2	1-2	0.35	1.20	1.15	20	0.20	2	28 x 28 x 10
BPD-020040-2	2	2-4	0.35	1.25	1.20	20	0.20	2	28 x 28 x 10
BPD-040080-2	2	4-8	0.50	1.25	1.20	20	0.30	3	28 x 28 x 10
BPD-060180-2	2	6-18	0.70	1.50	1.50	18	0.40	5	30 x 24 x 10
BPD-010080-4	4	1-8	2.20	1.50	1.40	15	0.35	6	70.5 x 56 x 10
BPD-020180-4	4	2-18	2.00	1.65	1.60	16	0.60	10	60 x 69 x 10
BPD-010124-4	4	1-12.4	2.80	1.60	1.30	16	0.50	7	90 x 75 x 10
BPD-005060-4	4	0.5-6	1.60	1.50	1.40	18	0.30	4	153 x 72 x 10
BPD-005020-4	4	0.5-2	1.00	1.25	1.20	20	0.30	3	76 x 56 x 10
BPD-008025-4	4	0.8-2.5	0.70	1.30	1.20	20	0.30	6	50 x 56 x 10
BPD-010040-4	4	1-4	1.10	1.30	1.20	20	0.30	4	43 x 56 x 10
BPD-020080-4	4	2-8	1.40	1.40	1.30	18	0.40	4	50 x 56 x 10
BPD-040180-4	4	4-18	1.60	1.60	1.50	18	0.50	8	60 x 50.5 x 10
BPD-010020-4	4	1-2	0.60	1.25	1.25	20	0.30	3	43 x 56 x 10
BPD-020040-4	4	2-4	0.40	1.25	1.20	22	0.30	3	43 x 56 x 10
BPD-040080-4	4	4-8	1.00	1.30	1.25	20	0.30	3	43 x 56 x 10
BPD-060180-4	4	6-18	1.30	1.60	1.50	18	0.50	8	45 x 50.5 x 10
BPD-010080-8	8	1-8	2.80	1.80	1.80	16	0.30	8	80 x 108 x 10
BPD-020180-8	8	2-18	3.00	1.80	1.80	15	0.80	10	95 x 148.5 x 10
BPD-005060-8	8	0.5-6	2.50	1.80	1.80	18	0.30	6	191 x 136 x 10
BPD-005020-8	8	0.5-2	1.50	1.40	1.20	20	0.30	3	103 x 108 x 10
BPD-008025-8	8	0.8-2.5	1.30	1.40	1.25	20	0.50	8	75 x 108 x 10
BPD-010040-8	8	1-4	1.50	1.35	1.25	20	0.40	4	63 x 108 x 10
BPD-020080-8	8	2-8	1.80	1.60	1.30	18	0.70	7	63 x 108 x 10
BPD-010020-8	8	1-2	1.00	1.30	1.20	20	0.40	5	63 x 108 x 10
BPD-020040-8	8	2-4	0.80	1.30	1.20	20	0.40	5	63 x 108 x 10
BPD-040080-8	8	4-8	1.20	1.50	1.25	18	0.40	4	63 x 108 x 10
BPD-060180-8	8	6-18	2.20	1.80	1.50	18	0.80	10	57.5 x 101.5 x 10

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.

Passive Components