

Atlantic Microwave Four-Way Power Dividers

- 0.5 - 18.0 GHz
- Miniature Size
- Flat Response
- High Isolation
- RF Shielded
- Robust Construction



Operating frequency range 0.5 - 18.0 GHz



Miniature



High Isolation



Robust construction



General Specifications	
Design	Wilkinson, Stripline
Circuit	PTFE Based
Housing	Aluminium
Connectors	SMA Female to MIL-C-39012
Temperature	-55 +105C
Finish	Paint

Model No	Freq. GHz	Isolation (dB) min.	VSWR (max.)		Insertion Loss (dB) max.	Amplitude Bal. (dB) max.	Phase Bal. (deg.) max.	Average Power			Fig.
			Input	Output				1.2	2	Infinity	
A8202-4	0.5 - 1	20	1.30	1.20	0.40	0.40	4.0	30	20	3	7
A8475-4	0.5 - 2	20	1.30	1.20	0.60	0.30	5.0	30	20	3	7
A8203-4	1 - 2	20	1.60	1.35	0.60	0.30	5.0	30	20	3	5
A8477-4	1 - 4	18	1.40	1.25	0.80	0.40	5.0	30	10	1	5
A8478-4	1.0 - 12.4	15	1.55	1.45	1.50	0.70	7.0	30	10	1	7
A8204-4	2 - 4	18	1.50	1.50	0.60	0.40	5.0	30	10	1	4
A8245-4	2 - 8	18	1.60	1.50	1.00	0.30	4.0	30	10	1	8
A8248-4	2 - 18	15	1.60	1.50	2.00	0.60	6.0	30	10	1	6
A8242-4	3 - 5	20	1.35	1.30	0.50	0.30	4.0	30	10	1	2
A8205-4	4 - 8	20	1.40	1.25	0.50	0.30	4.0	30	10	1	3
A8480-4	6 - 18	15	1.55	1.45	1.00	0.60	6.0	30	10	1	3
A8206-4	7 - 12.4	16	1.50	1.50	1.00	0.60	6.0	30	10	1	1
A8268-4	8 - 18	18	1.50	1.50	1.50	0.60	6.0	30	10	1	3
A8338-4	10.7 - 14.5	20	1.25	1.25	1.50	0.40	5.0	30	10	1	3
A8267-4	12 - 18	18	1.50	1.50	1.50	0.60	6.0	30	10	1	3

Fig	A	B	C	D	E
1	2.75 (69.9)	1.28 (32.5)	0.50 (12.7)	0.69 (17.5)	0.34 (8.6)
2	2.75 (69.9)	1.78 (45.2)	0.50 (12.7)	0.69 (17.5)	0.34 (8.6)
3	2.00 (50.8)	2.00 (50.8)	0.38 (9.6)	0.50 (12.7)	0.25 (6.4)
4	2.65 (67.3)	2.20 (55.9)	0.50 (12.7)	0.65 (16.5)	0.35 (8.9)
5	2.75 (69.9)	2.50 (63.5)	0.38 (9.6)	0.69 (17.5)	0.34 (8.6)
6	2.00 (50.8)	2.85 (72.4)	0.38 (9.6)	0.50 (12.7)	0.25 (6.4)
7	3.60 (91.4)	3.40 (86.4)	0.50 (12.7)	1.00 (25.4)	0.30 (7.6)
8	3.50 (88.9)	2.75 (69.9)	0.50 (12.7)	1.00 (25.4)	0.25 (6.4)

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.

