

Four-Way Power Dividers

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



General Specifications

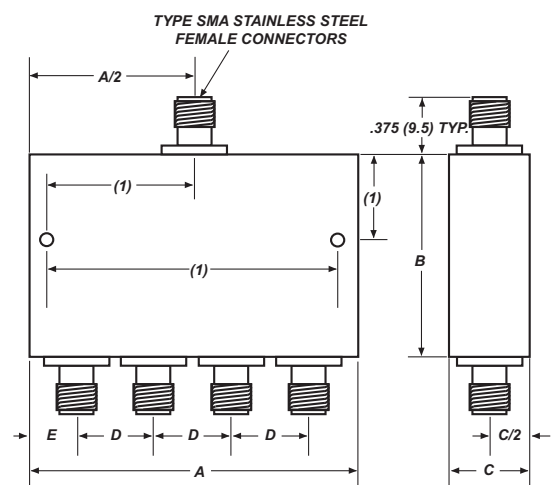
Design	Wilkinson, Stripline
Circuit	PTFE Based
Housing	Aluminium
Connectors	SMA to MIL-C-39012
Temperature	-55 +105C
Finish	Paint

Model No	Frequency (GHz)	Isolation (dB)	VSWR		Insertion Loss (dB) max.	Amplitude max. (dB) max.	Phase balance (degrees) max.	Average Power Load VSWR			Fig.
			Input	Output				1.2	2.0	∞	
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	0.40	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

Custom frequency ranges, specifications and configurations are also available.

Specification Temperature +25C

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)	0.10 (2.5)
8	3.50 (88.9)	2.75 (69.9)	0.50 (12.7)	1.00 (25.4)	0.25 (6.4)



(1) For the position of mounting holes, please request control drawing.

All dimensions are in inches (mm).

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