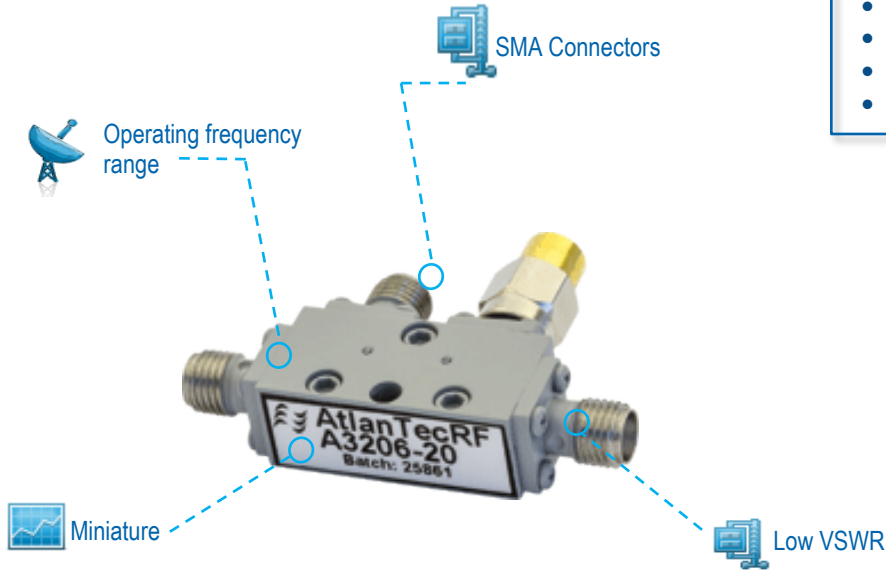


# Atlantic Microwave

## Directional Couplers Octave Band

- 0.5 - 18.0 GHz
- Miniature Size
- High Directivity
- Low VSWR
- RF Shielded
- Robust Construction



General Specifications	
Design	Stripline
Circuit	PTFE Based
Housing	Aluminium
Connectors	SMA to MIL-C-39012 N & TNC Optional
Temperature	-55 +105C
Finish	Paint

Model No	Freq. GHz	Coupling (1) 1dB	Freq. sensitivity dB	Insertion Loss excl. coupled power	True	Directivity dB min	VSWR Pri. Line	Sec Line.	Power Avg. incident (watts)	Avg. reflected (watts)	Peak reflected (kW)
A3202-6	0.5-1GHz	6 ± 1.00	± 0.60	0.20	1.80	25	1.15	1.15	50	2	3
A3202-10	0.5-1GHz	10 ± 1.25	± 0.75	0.2	0.8	25	1.1	1.1	50	5	3
A3202-20	0.5-1GHz	20 ± 1.25	± 0.75	0.15	0.2	25	1.1	1.1	50	50	3
A3202-30	0.5-1GHz	30 ± 1.25	± 0.75	0.15	0.2	25	1.1	1.1	50	50	3
A3203-6	1.0-2.0GHz	6 ± 1.00	± 0.60	0.2	1.8	25	1.15	1.15	50	2	3
A3203-10	1.0-2.0GHz	10 ± 1.25	± 0.75	0.2	0.8	25	1.1	1.1	50	5	3
A3203-20	1.0-2.0GHz	20 ± 1.25	± 0.75	0.15	0.2	25	1.1	1.1	50	50	3
A3203-30	1.0-2.0GHz	30 ± 1.25	± 0.75	0.15	0.2	25	1.1	1.1	50	50	3
A3204-6	2.0-4.0GHz	6 ± 1.00	± 0.60	0.2	1.8	22	1.15	1.15	50	2	3
A3204-10	2.0-4.0GHz	10 ± 1.25	± 0.75	0.2	0.8	22	1.15	1.15	50	5	3
A3204-20	2.0-4.0GHz	20 ± 1.25	± 0.75	0.2	0.2	22	1.15	1.15	50	50	3
A3204-30	2.0-4.0GHz	30 ± 1.25	± 0.75	0.15	0.2	22	1.15	1.15	50	50	3
A3245-6	2.6-5.2GHz	6 ± 1.00	± 0.60	0.2	1.8	20	1.25	1.25	50	2	3
A3245-10	2.6-5.2GHz	10 ± 1.25	± 0.75	0.2	0.8	20	1.25	1.25	50	5	3
A3245-20	2.6-5.2GHz	20 ± 1.25	± 0.75	0.2	0.25	20	1.25	1.25	50	50	3
A3245-30	2.6-5.2GHz	30 ± 1.25	± 0.75	0.2	0.2	20	1.25	1.25	50	50	3
A3205-6	4.0-8.0GHz	6 ± 1.00	± 0.60	0.25	1.9	20	1.25	1.25	50	2	3
A3205-10	4.0-8.0GHz	10 ± 1.25	± 0.75	0.25	0.9	20	1.25	1.25	50	5	3
A3205-20	4.0-8.0GHz	20 ± 1.25	± 0.75	0.25	0.3	20	1.25	1.25	50	50	3
A3205-30	4.0-8.0GHz	30 ± 1.25	± 0.75	0.25	0.25	20	1.25	1.25	50	50	3
A3206-6	7.0-12.4GHz	6 ± 1.00	± 0.50	0.3	2	17	1.3	1.3	50	2	3
A3206-10	7.0-12.4GHz	10 ± 1.00	± 0.50	0.3	1	17	1.3	1.3	50	5	3
A3206-20	7.0-12.4GHz	20 ± 1.00	± 0.50	0.3	0.35	17	1.3	1.3	50	50	3
A3206-30	7.0-12.4GHz	30 ± 1.00	± 0.50	0.3	0.3	17	1.3	1.3	50	50	3
A3267-6	7.5-16.0GHz	6 ± 1.00	± 0.60	0.6	2.2	15	1.35	1.4	50	2	2
A3267-10	7.5-16.0GHz	10 ± 1.25	± 0.75	0.6	1.2	15	1.35	1.4	50	5	2
A3267-20	7.5-16.0GHz	20 ± 1.25	± 0.75	0.5	0.55	15	1.35	1.4	50	50	2
A3267-30	7.5-16.0GHz	30 ± 1.25	± 0.75	0.5	0.5	15	1.35	1.4	50	50	2
A3207-6	12.4-18.0GHz	6 ± 1.00	± 0.50	0.6	2.2	12	1.35	1.4	50	2	1
A3207-10	12.4-18.0GHz	10 ± 1.00	± 0.50	0.6	1.2	12	1.35	1.4	50	5	1
A3207-20	12.4-18.0GHz	20 ± 1.00	± 0.50	0.5	0.55	15	1.35	1.4	50	50	1
A3207-30	12.4-18.0GHz	30 ± 1.00	± 0.50	0.5	0.5	15	1.35	1.4	50	50	1

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.

