

- 0.5 - 18.0 GHz
- Miniature Size
- High Isolation
- Low VSWR
- RF Shielded

General Specifications

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



Model No	Frequency (GHz)	Coupling (1) (dB)	Frequency sensitivity (dB)	Isolation (dB) min.	VSWR max.	Power avg. (Watts)	Power Peak (KW)	Fig.
A7202	0.5 - 1	3.1 ± 0.6	± 0.5	28	1.10	50	3	B4
A7203	1 - 2	3.1 ± 0.6	± 0.5	28	1.10	50	3	B5
A7204	2 - 4	3.1 ± 0.6	± 0.5	22	1.20	50	3	A1
A7246	2 - 8	3.3 ± 0.8	± 0.4	17	1.30	30	3	B6
A7245	2.6 - 5.2	3.1 ± 0.6	± 0.5	20	1.25	50	3	A2
A7205	4 - 8	3.2 ± 0.7	± 0.5	18	1.30	50	3	A2
A7256	4 - 12.4	3.3 ± 0.8	± 0.4	15	1.50	20	2	B7
A7206	6 - 12.4	3.2 ± 0.7	± 0.5	18	1.35	50	3	A2
A7267	7.5 - 16	3.4 ± 0.9	± 0.6	15	1.45	40	2	A3
A7207	12 - 18	3.4 ± 1.0	± 0.7	15	1.50	40	1	A3

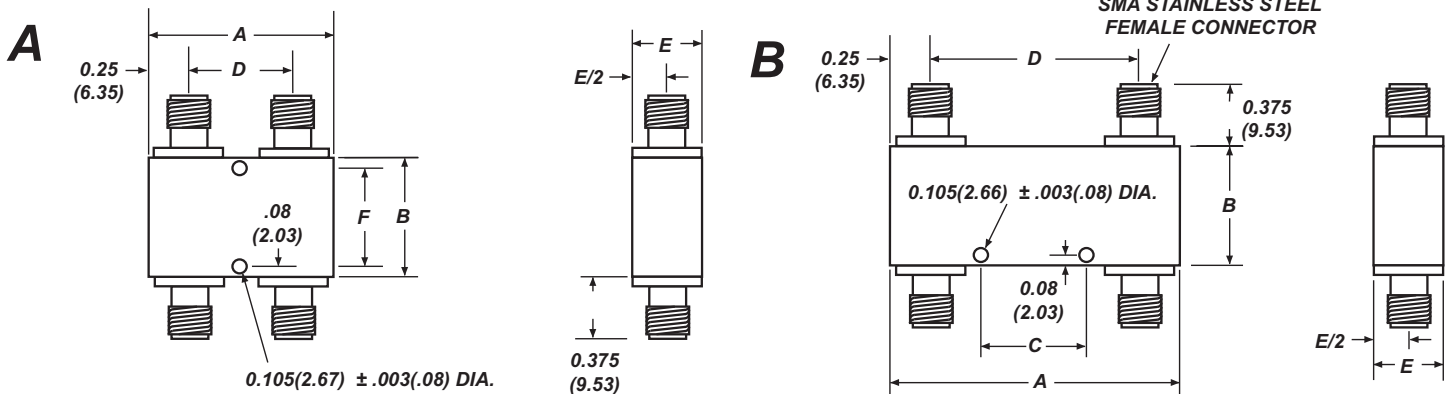
(1) Includes frequency sensitivity.

Specification Temperature +25C

FIG	A	B	C	D	E	F
A1	1.15 (29.2)	0.50 (12.7)	0.58 (14.73)	0.66 (16.8)	0.38 (9.7)	0.32 (8.1)
A2	1.00 (25.4)	0.50 (12.7)	0.50 (12.7)	0.50 (12.7)	0.38 (9.7)	0.32 (8.1)
A3	1.00 (25.4)	0.58 (14.7)	0.50 (12.7)	0.50 (12.7)	0.38 (9.7)	0.39 (9.9)
B4	3.06 (77.7)	0.50 (12.7)	1.37 (34.79)	2.56 (65.0)	0.38 (9.7)	N/A
B5	1.78 (45.2)	0.50 (12.7)	0.50 (12.7)	1.28 (32.5)	0.38 (9.7)	N/A
B6	2.60 (66.0)	0.75 (19.1)	1.26 (32.00)	2.10 (53.3)	0.44 (11.2)	N/A
B7	1.72 (43.7)	0.60 (15.2)	0.50 (12.7)	1.22 (31.0)	0.50 (12.7)	N/A

All dimensions are in inches (mm).

Custom frequency ranges, specifications and configurations are also available.



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