

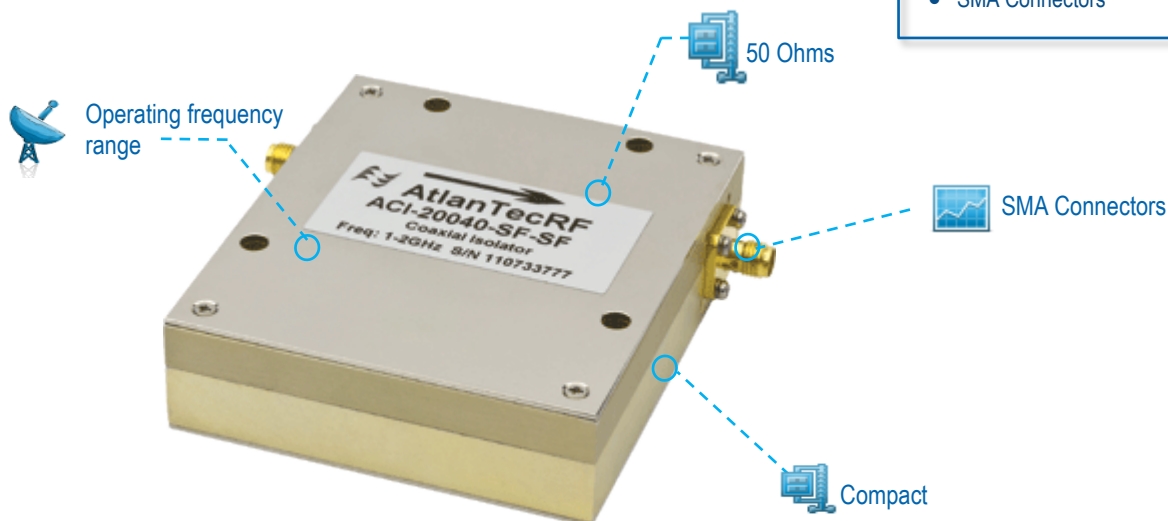
Atlantic Microwave

Coaxial Isolators

The ACI-20000 series of coaxial isolators are designed for low power applications in communications, test and measurement and scientific research applications requiring good RF performance in a compact and economic package.

ACI-20000 Series

- 800 MHz - 23 GHz
- Octave & Standard Bands
- Compact Design
- Internal Load
- Fast Delivery
- SMA Connectors



General Specifications	
Isolator Load	Internal 50 ohm
Housing Material	Aluminium Alloy
Magnet Cover Plates	Nickel Plated Steel
Connectors	Gold Plated
Standard Connectors	SMA Female
Connector Options	SMA Male

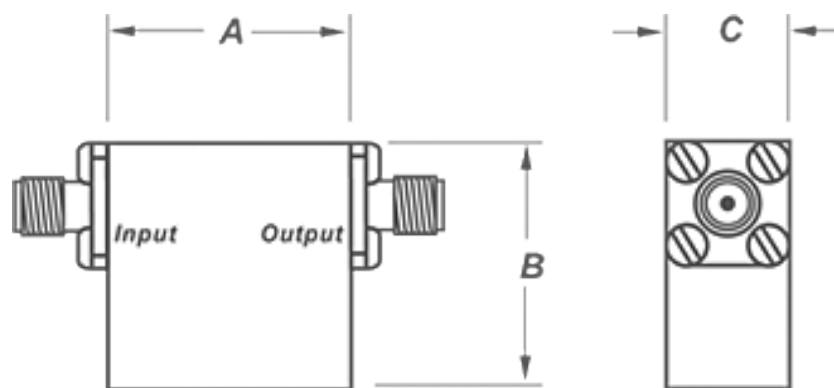
Also available:

- Higher Input Power and Load Rating
- 3 Port Standard Band Circulators to 23 GHz, ACC-20000 Series
- Narrow Band High Performance Isolators & Circulators
- Waveguide Isolators and Circulators to 40 GHz
- Drop-In and Microstrip Isolators and Circulators to 26 GHz



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AM Model No	Frequency Range GHz	Isolation dB	Insertion Loss dB	VSWR : 1	Forward Power watts	Load Rating Watts	Operating Temperature deg. C	Dimensions (mm)		
								A	B	C
ACI-20010	0.8-1.2	14	0.8	1.6	20	5	-30+65	30	33	20
ACI-20020	0.95-1.45	14	0.8	1.6	30	10	-30+65	30	33	20
ACI-20030	0.95-1.95	13	1	1.7	20	10	0+60	70	80	21
ACI-20040	1.0-2.0	15	0.8	1.5	10	2	0+50	70	80	21
ACI-20050	1.2-1.7	20	0.6	1.2	20	5	-30+65	34	39	22
ACI-20060	1.7-2.4	20	0.5	1.2	20	5	-30+65	32	39	20
ACI-20070	2.0-4.0	18	0.6	1.35	5	1	-10+65	32	34	18
ACI-20080	2.2-2.7	20	0.5	1.2	20	5	-30+65	32	39	20
ACI-20090	2.5-3.5	20	0.6	1.25	20	5	-10+40	28	36	19
ACI-20100	2.7-3.2	20	0.4	1.2	20	5	-30+65	25	29.5	15
ACI-20110	3.0-6.0	17	0.6	1.4	10	2	-10+55	25.4	27.5	13
ACI-20120	3.4-4.2	20	0.4	1.2	5	1	-10+65	16	26	15
ACI-20130	4.0-8.0	18	0.6	1.35	5	1	-25+65	20	26	14
ACI-20140	5.8-6.5	23	0.3	1.2	5	1	-35+65	16	26	13
ACI-20150	5.85-6.725	20	0.4	1.2	5	1	-10+60	16	26	15
ACI-20160	6.0-12.0	18	0.6	1.35	5	1	-30+65	12	20	13
ACI-20170	7.25-7.75	23	0.3	1.2	5	1	-30+65	12	20	13
ACI-20180	7.9-8.4	23	0.3	1.2	5	1	-30+65	12	20	13
ACI-20190	8.0-9.5	23	0.4	1.2	10	2	-10+60	12	20	13
ACI-20200	8.0-12.4	20	0.5	1.3	10	2	-30+65	12	20	13
ACI-20210	8.0-16.0	18	0.6	1.35	20	10	-30+65	15	23	13
ACI-20220	8.0-18.0	16	1	1.4	5	1	-30+65	15	23	13
ACI-20230	8.5-9.6	23	0.35	1.2	5	1	0+70	12	20	13
ACI-20235	9.9-10.9	24	0.4	1.15	5	1	0+60	12	20	13
ACI-20240	10.0-15.0	20	0.5	1.3	5	1	-20+60	12	20	13
ACI-20250	10.7-12.75	23	0.4	1.2	5	1	-30+65	12	20	13
ACI-20260	12.0-18.0	20	0.5	1.3	10	2	-30+65	12	20	13
ACI-20270	13.75-14.5	23	0.4	1.2	20	10	-30+65	12	20	13
ACI-20280	15.0-18.0	20	0.5	1.3	20	5	-30+65	12	20	13
ACI-20290	17.3-18.4	20	0.5	1.25	10	2	-30+65	12	20	13
ACI-20300	21.2-23.6	20	0.5	1.25	5	2	-30+65	13	19	10



Dimension B Includes Load

Custom frequency ranges, specifications and configurations may also be reviewed for quotation. These are often just as economic as standard models but may not be in stock. To obtain a quotation for a custom isolator please provide details of the specification required as follows: Frequency Range, Isolation, Insertion Loss, VSWR, Input Power, Load Rating, Temperature Range, Input & Output Connectors plus any additional relevant parameters.

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.

