

## Coaxial Isolators and Circulators

### Narrow Bandwidth - High Isolation Models



#### SPECIFICATIONS

#### MODELS

	I-1.485/.1	I-1.70/.1	I-2.25/.1	I-2.3/.2	I-2.6/.2	I-2.8/.2	I-3.3/.4	I-3.95/.5
Frequency (GHz)	1.435 - 1.535	1.65 - 1.75	2.2 - 2.3	2.2 - 2.4	2.5 - 2.7	2.7 - 2.9	3.1 - 3.5	3.7 - 4.2
Impedance (Ohms)	50	50	50	50	50	50	50	50
Isolation (dB)	23	25	26	25	25	25	23	23
VSWR	1.15:1	1.15:1	1.12:1	1.12:1	1.15:1	1.15:1	1.15:1	1.15:1
Insertion loss (dB)	0.20	0.20	0.12	0.20	0.15	0.15	0.15	0.15

*Note: Substitute the prefix "C" on any model to change from an isolator to a circulator.  
Standard connectors are SMA. Type N, 7/16, 3.5mm and 2.92mm are also available.*

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### MODELS

	I-4.77/6	I-5.15/5	I-5.65/5	I-6.18/5	I-7.5/5	I-8.15/5	I-9.6/8	I-11.15/5
Frequency (GHz)	4.4 - 5.0	4.9 - 5.4	5.4 - 5.9	5.93 - 6.43	7.25 - 7.75	7.90 - 8.4	9.20 - 10.0	10.9 - 11.4
Impedance (Ohms)	50	50	50	50	50	50	50	50
Isolation (dB)	25	25	25	25	25	25	25	25
VSWR	1.15:1	1.15:1	1.15:1	1.15:1	1.15:1	1.15:1	1.15:1	1.15:1
Insertion loss (dB)	0.15	0.15	0.15	0.15	0.15	.15	0.15	0.15

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	I-11.95/5	I-12.45/5	I-14.25/5	I-15.5/1.0	I-16.5/1.0	I-17.5/1.0	I-19/2.0	I-21/2.0	I-31.5/2.0
Frequency (GHz)	11.7 - 12.2	12.2 - 12.7	14.0 - 14.5	15.0 - 16.0	16.0 - 17.0	17.0 - 18.0	18.0 - 20.0	20.0 - 22.0	29.0 - 31.0
Impedance (Ohms)	50	50	50	50	50	50	50	50	50
Isolation (dB)	25	25	22	22	23	23	20	20	20
VSWR	1.15:1	1.15:1	1.15:1	1.15:1	1.15:1	1.15:1	1.25:1	1.25:1	1.25:1
Insertion loss (dB)	0.20	0.20	0.25	0.30	0.30	0.30	0.45	0.45	0.50

Note: Substitute the prefix "C" on any model to change from an isolator to a circulator.

Standard connectors are SMA. Type N, 7/16, 3.5mm and 2.92mm are also available.