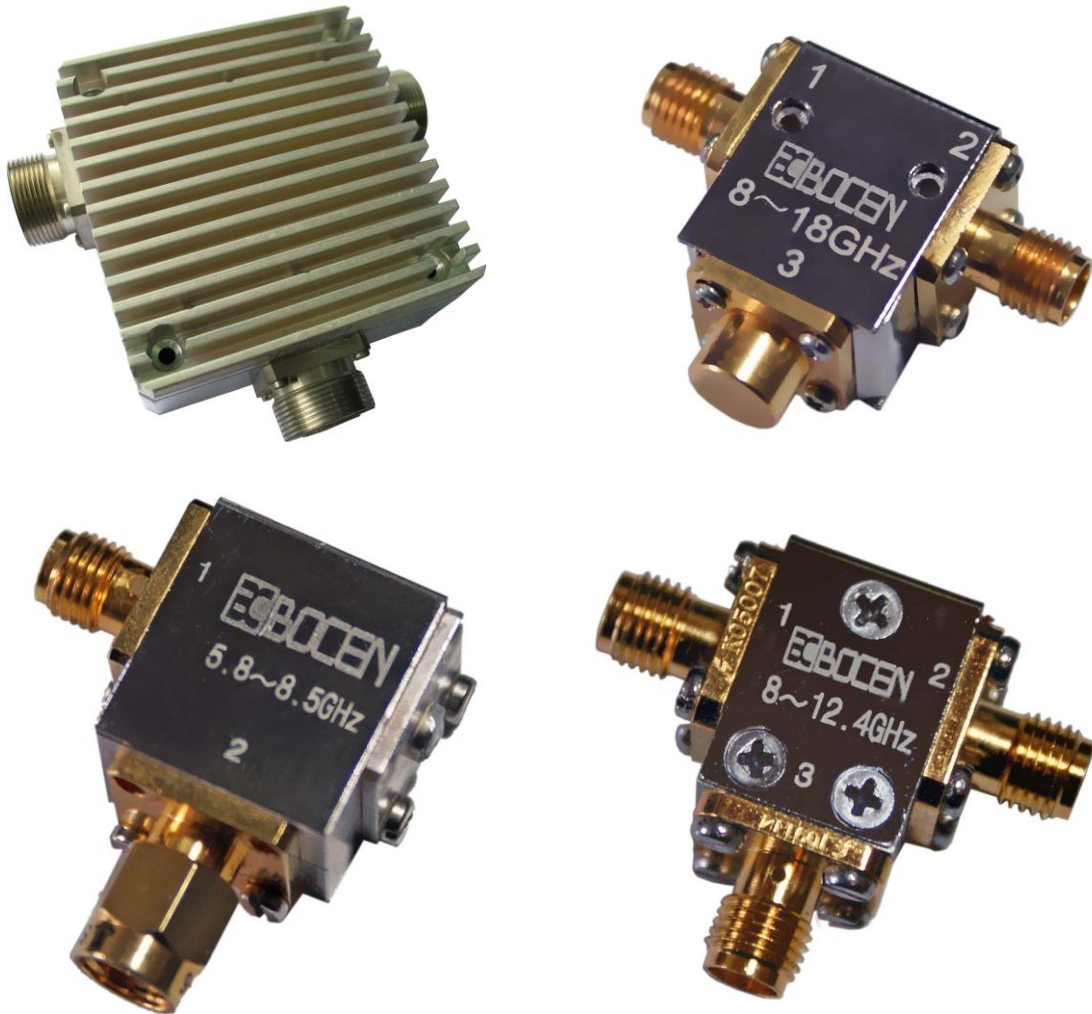


Connectorized isolators and circulators

BoCen Microwave provides an extensive of coaxial isolators and circulators covering from 20MHz up to 26GHz, our technical strength in coaxial isolators and circulators are characterized of wide broadband, high power and quick customize design. We stock half-finished parts for standard economic broadband models to make the delivery as quick as possible, much more custom design with optimized performance and package for specific frequency are quickly available.



Specifications of Standard Models

Lumped Element Isolator & Circulator

Operating Frequency	Bandwidth	Insertion Loss(dB)	Isolation (dB)	VSWR	Power Rate(W)	Connector Options	Dimension (mm)
20-50MHz	≤10%	0.6	20	1.25	20	SMA or N	53*77*26
50-100MHz	≤30%	0.8	20	1.25	20	SMA or N	53*77*26
100-200MHz	Full	1.0	16	1.50	10	SMA or N	53*77*26
100-200MHz	≤30%	0.6	18	1.35	100	SMA or N	53*67*28

100-200MHz	≤10%	0.6	20	1.25	10	SMA	41*41*15
200-600MHz	≤10%	0.5	20	1.25	10	SMA	30*30*13
225-400MHz	Full	0.9	17	1.35	100	SMA or N	53*67*28
300-500MHz	Full	0.9	17	1.40	10	SMA or N	41*65*20
400-600MHz	Full	0.7	20	1.25	20	SMA or N	41*65*20
470-862MHz	Full	1.1	16	1.40	10	SMA or N	41*65*20
500-1000MHz	Full	1.5	14	1.60	10	SMA or N	41*65*20

Distribute Element Isolator & Circulator

Operating Frequency	Bandwidth	Insertion Loss(dB)	Isolation (dB)	VSWR	Power Rate(W)	Connector Options	Dimension (mm)
110-120MHz	Full	0.6	18	1.30	800	N or DIN	120*120*35
210-230MHz	Full	0.5	20	1.25	400	N or DIN	80*80*34
380-512MHz	Full	0.5	19	1.30	200	SMA or N	53*56*26
400-450MHz	Full	0.4	20	1.25	100	SMA or N	38.1*38.1*17
470-610MHz	Full	0.6	18	1.30	100	SMA or N	53*56*20
600-800MHz	Full	0.4	18	1.30	100	SMA or N	45*50*26
610-960MHz	Full	0.7	16	1.40	100	SMA or N	53*56*20
700-1000 MHz	Full	0.5	18	1.30	100	SMA or N	53*56*20
800-1200 MHz	Full	0.6	18	1.35	200	SMA or N	48*48*21
800-3500 MHz	≤25%	0.4	20	1.25	30	SMA	25x25x15
950-1450 MHz	Full	0.6	18	1.35	200	SMA or N	40*40*18
960-1250 MHz	Full	0.5	18	1.30	50	SMA	25x25x15
1000-2000MHz	Full	0.7	17	1.40	50	SMA or N	64*66*26
1000-2500MHz	Full	0.9	14	1.50	50	SMA or N	64*66*26
1250-1850MHz	Full	0.5	17	1.40	30	SMA or N	34*34*21
1350-2700MHz	Full	0.6	17	1.35	30	SMA or N	50.8*49.5*19
1500-3000MHz	Full	0.5	17	1.40	30	SMA or N	41*41*22
1600-2200MHz	Full	0.5	20	1.25	30	SMA or N	29*29*20
2-4GHz	Full	0.5	18	1.30	30	SMA or N	30.5*30.5*17
2.9-3.3GHz	Full	0.3	20	1.20	200	SMA or N	34*34*21
*2-6GHz	Full	2.3	12	1.70	10	SMA	40*23*17
2.6-5.5GHz	Full	0.6	16	1.40	10	SMA	25*25*10
3-6GHz	Full	0.5	18	1.30	30	SMA or N	25*25*15
3.4-4.8GHz	Full	0.3	23	1.2	30	SMA or N	25*25*15
4-8GHz	Full	0.5	18	1.30	10	SMA	19*19*13
5-10GHz	Full	0.5	18	1.35	5	SMA	16*17*13
5.8-8.5GHz	Full	0.3	20	1.25	5	SMA	16.7*18.4*13.6
6-12GHz	Full	0.6	18	1.35	5	SMA	14*18.5*13
*6-18GHz	Full	1.5	10.5	1.80	2	SMA	16*25.5*12.8
7-9GHz	Full	0.4	22	1.2	5	SMA	14*18.5*13
8-12.4GHz	Full	0.5	20	1.25	5	SMA	13*17*13
8-18GHz	Full	1.0	16	1.6	2	SMA	16*25.5*12.8

10-15GHz	Full	0.5	21	1.25	2	SMA	12*20*13
10.7-12.8	Full	0.4	20	1.25	2	SMA	13*17*13
12-18GHz	Full	0.6	18	1.35	2	SMA	11*14*12
12-18GHz	≤2GHz	0.4	20	1.25	2	SMA	10*20*8.4

Note:

1. Only isolator is available for the type marked with *.
2. The dimension listed up doesn't including connectors and high power termination for the isolator.