NANOWAVE

Microwave & Optical Components

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PROFILE & HISTORY

Established April 06. 2004

Paid Capital USD

Correspondent Bank

- **Branch Name:**
  Bank Address :

Lines of Bussiness

– **Manufacture & Sales of Electronics and Microwave Components and sub systems**

Established Research Institute

Address

506-704, Dukil Myvil, 2537, Yongam-Dong, Sangdang-Ku, Cheongju-Si, Chungcheongbuk-Do, 360-812, Korea

Tel:82-43-903-4828 Fax:82-2-6230-9477

Http://WWW.NANOWAVE.CO.KR,

Email: meyngsoo@nanowave.co.kr

INTRODUCTION

NANOWAVE Corp. develops, manufactures, and markets high quality, high reliability microwave and optical components. Nanowave products are employed in commercial and military systems, including the standards laboratories and engineering, manufacturing, and QC departments of most companies, as well as those of government agencies and private research companies.

Http://WWW.NANOWAVE.CO.KR,

Email: meyngsoo@hanafos.com

DROP-IN ISOLATORS

Http://WWW.NANOWAVE.CO.KR,
Email: meyngsoo@hanafos.com

DROP-IN CIRCULATORS 100~800MHz – 250Watts

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.138-0.148	NC014T	18	0.5	1.3:1	-30~+85	250/250	2.0x2.0x0.86	T
0.175-0.190	NC018T	18	0.5	1.3:1	-30~+85	250/250	2.0x2.0x0.86	T
0.200-0.210	NC020T	18	0.5	1.3:1	-30~+85	250/250	2.0x2.0x0.86	T
0.390-0.430	NC041A	18	0.5	1.3:1	-30~+85	250/250	1.5x1.5x0.38	A
0.400-0.450	NC042A	18	0.6	1.3:1	-30~+85	250/250	1.5x1.5x0.38	A
0.450-0.480	NC046A	18	0.5	1.3:1	-30~+85	250/250	1.5x1.5x0.38	A
0.470-0.510	NC049A	18	0.5	1.3:1	-30~+85	250/250	1.5x1.5x0.38	A
0.500-0.560	NC053A	18	0.6	1.3:1	-30~+85	250/250	1.5x1.5x0.38	A
0.550-0.610	NC058A	18	0.6	1.3:1	-30~+85	250/250	1.5x1.5x0.38	A
0.600-0.670	NC063A	18	0.6	1.3:1	-30~+85	250/250	1.5x1.5x0.38	A
0.650-0.710	NC068A	18	0.6	1.3:1	-30~+85	250/250	1.5x1.5x0.38	A
0.700-0.780	NC074A	18	0.6	1.3:1	-30~+85	250/250	1.5x1.5x0.38	A
0.760-0.830	NC079A	18	0.6	1.3:1	-30~+85	250/250	1.5x1.5x0.38	A

-Selection Option: Direction: FWD 1--->2 Rev 1<---2

DROP-IN ISOLATORS 100~800MHz – 150Watts Termination

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.138-0.148	NC014TH	18	0.5	1.3:1	-30~+85	250/150	2.0x2.8x0.86	T
0.175-0.190	NC018TH	18	0.5	1.3:1	-30~+85	250/150	2.0x2.8x0.86	T
0.200-0.210	NC020TH	18	0.5	1.3:1	-30~+85	250/150	2.0x2.8x0.86	T
0.390-0.430	NC041AH	18	0.5	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.400-0.450	NC042AH	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.450-0.480	NC046AH	18	0.5	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.470-0.510	NC049AH	18	0.5	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.500-0.560	NC053AH	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.550-0.610	NC058AH	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.600-0.670	NC063AH	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.650-0.710	NC068AH	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.700-0.780	NC074AH	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.760-0.830	NC079AH	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A

-Selection Option: Direction: FWD 1--->2 Rev 1<---2

-Power Termination: 100Watts, 150Watts

DROP-IN ISOLATORS 100~800MHz – 150Watts Attenuators

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.138-0.148	NC014TA3	18	0.5	1.3:1	-30~+85	250/150	2.0x2.8x0.86	T
0.175-0.190	NC018TA3	18	0.5	1.3:1	-30~+85	250/150	2.0x2.8x0.86	T
0.200-0.210	NC020TA3	18	0.5	1.3:1	-30~+85	250/150	2.0x2.8x0.86	T
0.390-0.430	NC041AA3	18	0.5	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.400-0.450	NC042AA3	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.450-0.480	NC046AA3	18	0.5	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.470-0.510	NC049AA3	18	0.5	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.500-0.560	NC053AA3	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.550-0.610	NC058AA3	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.600-0.670	NC063AA3	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.650-0.710	NC068AA3	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.700-0.780	NC074AA3	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A
0.760-0.830	NC079AA3	18	0.6	1.3:1	-30~+85	250/150	1.5x1.8x0.38	A

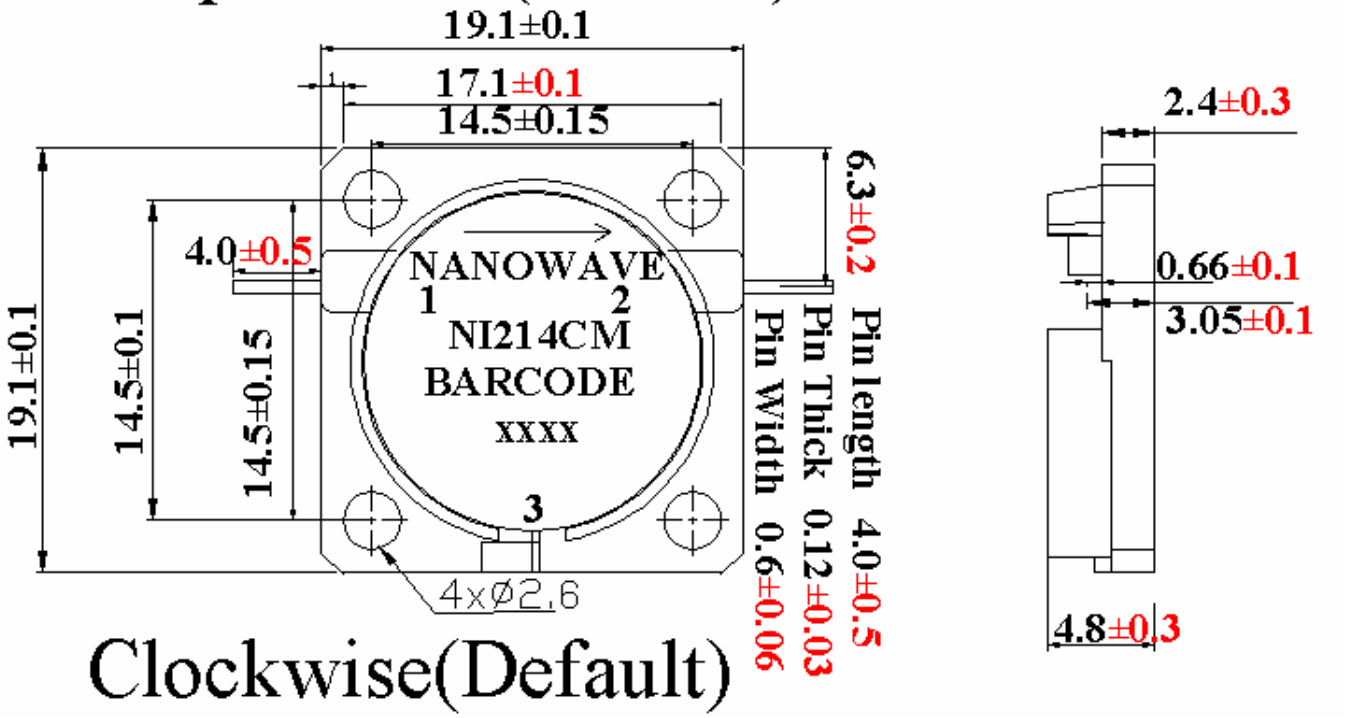
-Selection Option: Direction: FWD 1---->2 Rev 1<---2

-Power Attenuator: 100Watts, 150Watts (-30dB)

DROP-IN ISOLATORS(LOW POWER TERM:10 Watts)

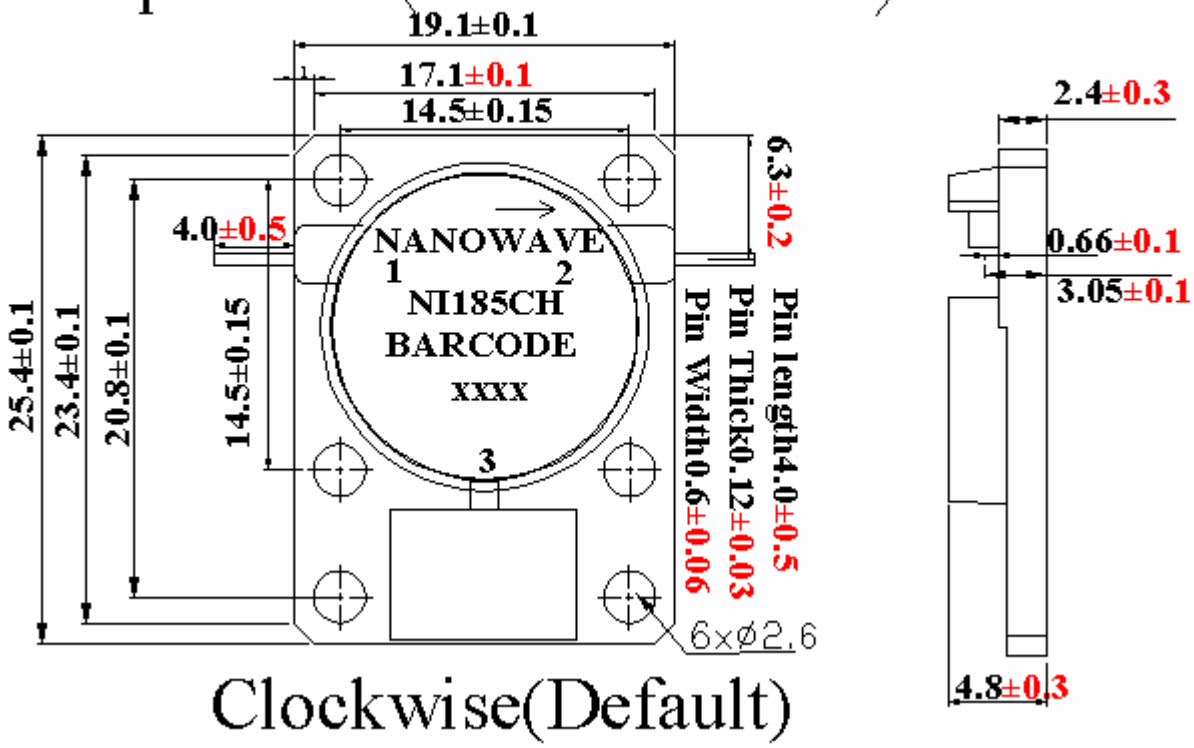
FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.800-0.824	NI081BM	23	0.25	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
0.810-0.915	NI086BM	18	0.35	1.25:1	-30~+85	150/10	1.0x1.0x0.25	B
0.824-0.849	NI084BM	23	0.25	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
0.869-0.894	NI088BM	22	0.25	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
0.860-0.904	NI089BM	23	0.25	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
0.880-0.940	NI910BM	21	0.27	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
0.890-0.915	NI090BM	23	0.25	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
0.935-0.960	NI094BM	23	0.25	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
0.890-0.960	NI092BM	21	0.35	1.25:1	-30~+85	150/10	1.0x1.0x0.25	B
0.915-0.964	NI094BM	22	0.30	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
0.980-1.020	NI099BM	22	0.30	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
1.000-1.060	NI103BM	22	0.30	1.25:1	-30~+85	150/10	1.0x1.0x0.25	B
1.250-1.350	NI130BM	21	0.30	1.25:1	-30~+85	150/10	1.0x1.0x0.25	B
1.400-1.600	NI150BM	18	0.35	1.25:1	-30~+85	150/10	1.0x1.0x0.25	B
1.410-1.453	NI144BM	23	0.25	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
1.429-1.501	NI147BM	20	0.25	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
1.477-1.501	NI149BM	23	0.25	1.20:1	-30~+85	150/10	1.0x1.0x0.25	B
1.500-1.660	NI158BM	18	0.30	1.25:1	-30~+85	150/10	1.0x1.0x0.25	B
1.750-1.780	NI176CM	23	0.25	1.20:1	-30~+85	125/10	0.75x0.75x0.20	C
1.840-1.870	NI185CM	23	0.25	1.20:1	-30~+85	125/10	0.75x0.75x0.20	C
1.805-1.880	NI184CM	21	0.25	1.20:1	-30~+85	125/10	0.75x0.75x0.20	C
1.850-1.910	NI188CM	21	0.25	1.20:1	-30~+85	125/10	0.75x0.75x0.20	C
1.850-1.990	NI192CM	21	0.25	1.20:1	-30~+85	125/10	0.75x0.75x0.20	C
1.800-2.000	NI190CM	20	0.35	1.25:1	-30~+85	125/10	0.75x0.75x0.20	C
1.920-1.980	NI195CM	23	0.25	1.20:1	-30~+85	125/10	0.75x0.75x0.20	C
1.930-1.990	NI196CM	23	0.25	1.20:1	-30~+85	125/10	0.75x0.75x0.20	C
2.110-2.170	NI214CM	23	0.25	1.20:1	-30~+85	125/10	0.75x0.75x0.20	C
2.000-2.200	NI210CM	20	0.35	1.25:1	-30~+85	125/10	0.75x0.75x0.20	C
2.000-2.300	NI215CM	18	0.40	1.25:1	-30~+85	125/10	0.75x0.75x0.20	C
2.300-2.500	NI240CM	20	0.35	1.25:1	-30~+85	125/10	0.75x0.75x0.20	C
2.400-2.500	NI250CM	21	0.30	1.25:1	-30~+85	125/10	0.75x0.75x0.20	C
2.500-2.700	NI245CM	18	0.40	1.25:1	-30~+85	125/10	0.75x0.75x0.20	C
2.630-2.660	NI264CM	23	0.25	1.2:1	-30~+85	125/10	0.75x0.75x0.20	C
2.700-2.900	NI280CM	20	0.35	1.25:1	-30~+85	125/10	0.75x0.75x0.20	C
2.900-3.100	NI300CM	20	0.35	1.25:1	-30~+85	125/10	0.75x0.75x0.20	C
3.100-3.400	NI325CM	20	0.35	1.25:1	-30~+85	125/10	0.75x0.75x0.20	C
3.400-3.700	NI355CM	20	0.35	1.25:1	-30~+85	125/10	0.75x0.75x0.20	C

Package: C Isolator
Option: M(10Watt)



Clockwise(Default)

Package: C Isolator
Option: H(100/150 Watt)

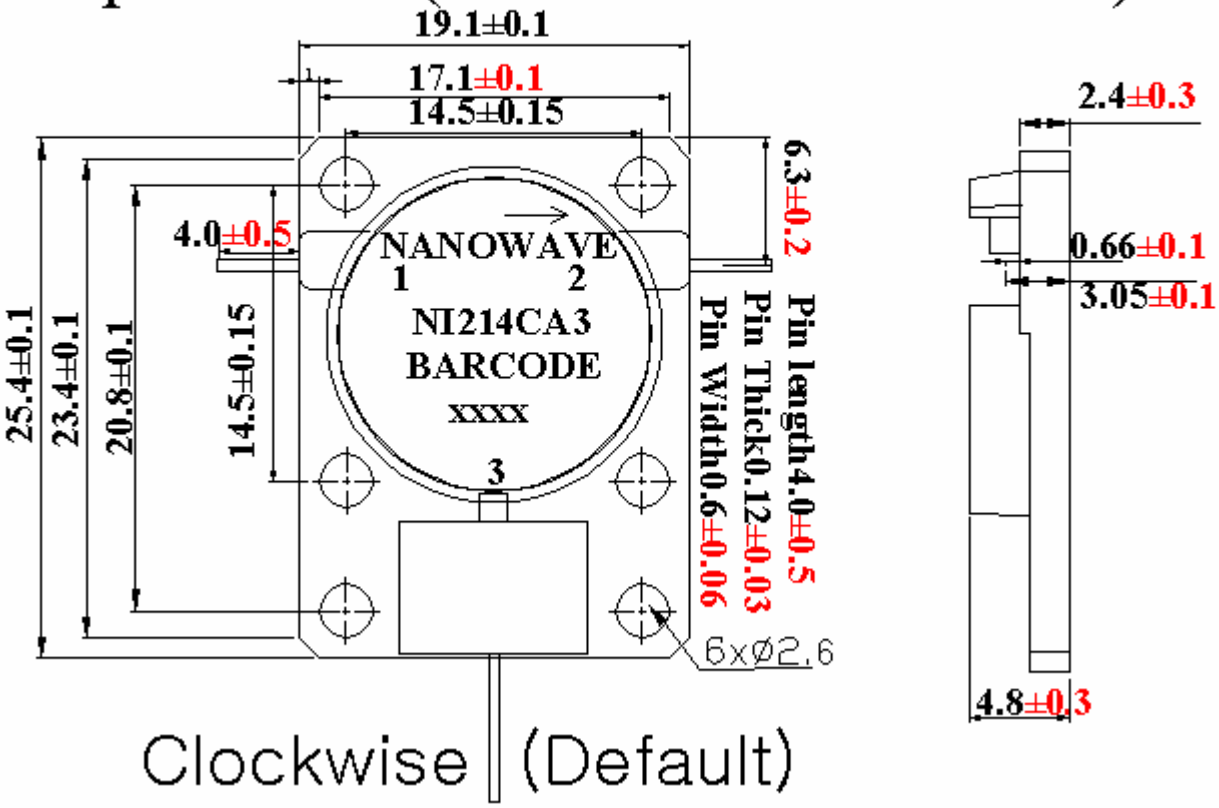


Clockwise(Default)

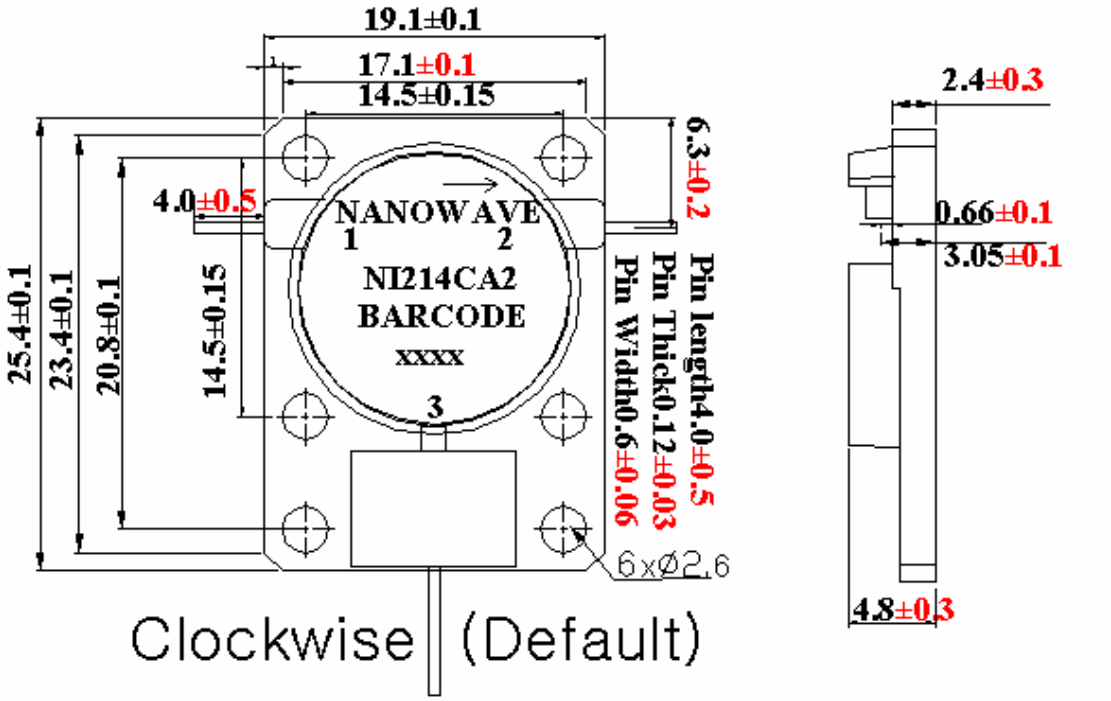
DROP-IN ISOLATORS(HIGH POWER TERM:100/150 Watts)

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.800-0.824	NI081BH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.810-0.915	NI086BH	18	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
0.824-0.849	NI084BH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.869-0.894	NI088BH	22	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.860-0.904	NI089BH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.880-0.940	NI910BH	21	0.27	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.890-0.915	NI090BH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.935-0.960	NI094BH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.890-0.960	NI092BH	21	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
0.915-0.964	NI094BH	22	0.30	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.980-1.020	NI099BH	22	0.30	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.000-1.060	NI103BH	22	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.250-1.350	NI130BH	21	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.400-1.600	NI150BH	18	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.410-1.453	NI144BH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.429-1.501	NI147BH	20	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.477-1.501	NI149BH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.500-1.660	NI158BH	18	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.750-1.780	NI176CH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.840-1.870	NI185CH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.805-1.880	NI184CH	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.850-1.910	NI188CH	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.850-1.990	NI192CH	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.800-2.000	NI190CH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
1.920-1.980	NI195CH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.930-1.990	NI196CH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
2.110-2.170	NI214CH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
2.000-2.200	NI210CH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.000-2.300	NI215CH	18	0.40	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.300-2.500	NI240CH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.400-2.500	NI250CH	21	0.30	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.500-2.700	NI245CH	18	0.40	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.630-2.660	NI264CH	23	0.25	1.2:1	-30~+85	125/100	0.75x1.0x0.20	C
2.700-2.900	NI280CH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.900-3.100	NI300CH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
3.100-3.400	NI325CH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
3.400-3.700	NI355CH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C

Package: C Isolator
Option: A3(-30dB Atten 100Watt)



Package: C Isolator
Option: A2(-20dB Atten 100Watt)



DROP-IN ISOLATORS(-30dB Attenuator:100 Watts)

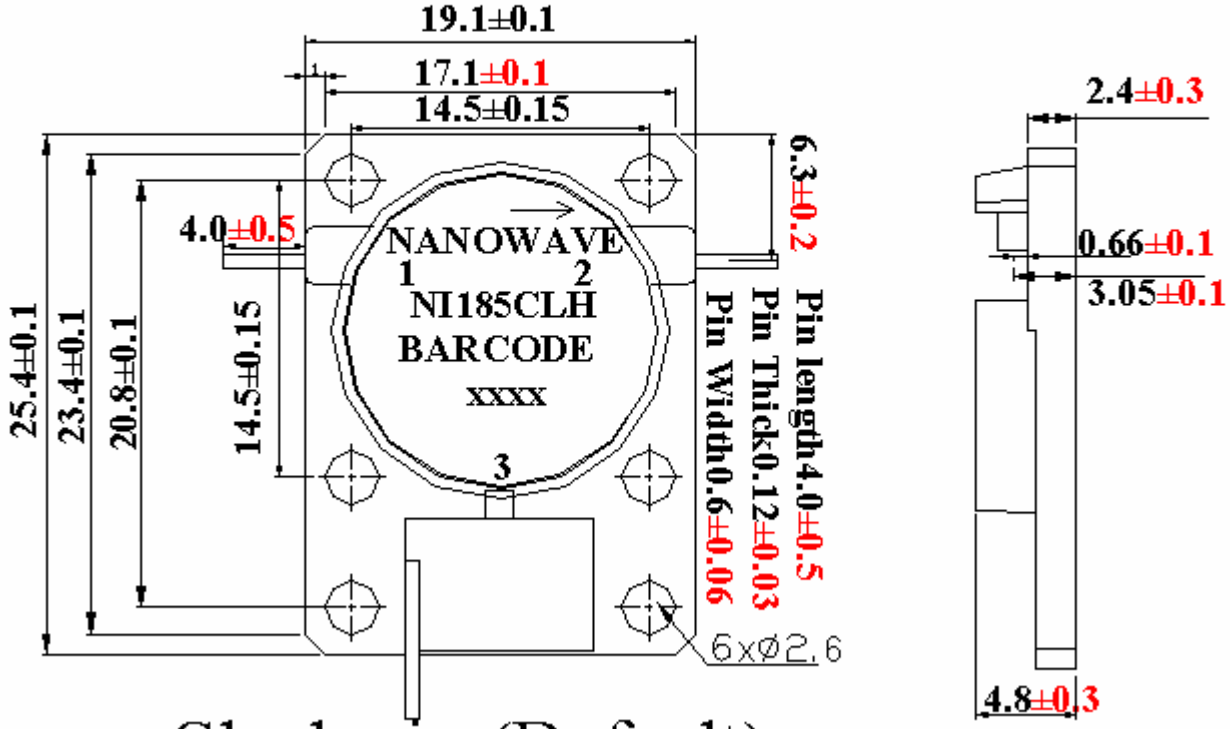
FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.800-0.824	NI081BA3	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.810-0.915	NI086BA3	18	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
0.824-0.849	NI084BA3	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.869-0.894	NI088BA3	22	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.860-0.904	NI089BA3	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.880-0.940	NI910BA3	21	0.27	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.890-0.915	NI090BA3	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.935-0.960	NI094BA3	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.890-0.960	NI092BA3	21	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
0.915-0.964	NI094BA3	22	0.30	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.980-1.020	NI099BA3	22	0.30	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.000-1.060	NI103BA3	22	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.250-1.350	NI130BA3	21	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.400-1.600	NI150BA3	18	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.410-1.453	NI144BA3	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.429-1.501	NI147BA3	20	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.477-1.501	NI149BA3	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.500-1.660	NI158BA3	18	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.750-1.780	NI176CA3	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.840-1.870	NI185CA3	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.805-1.880	NI184CA3	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.850-1.910	NI188CA3	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.850-1.990	NI192CA3	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.800-2.000	NI190CA3	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
1.920-1.980	NI195CA3	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.930-1.990	NI196CA3	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
2.110-2.170	NI214CA3	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
2.000-2.200	NI210CA3	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.000-2.300	NI215CA3	18	0.40	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.300-2.500	NI240CA3	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.400-2.500	NI250CA3	21	0.30	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.500-2.700	NI245CA3	18	0.40	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.630-2.660	NI264CA3	23	0.25	1.2:1	-30~+85	125/100	0.75x1.0x0.20	C
2.700-2.900	NI280CA3	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.900-3.100	NI300CA3	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
3.100-3.400	NI325CA3	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
3.400-3.700	NI355CA3	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C

DROP-IN ISOLATORS(-20dB Attenuator: 100 Watts)

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.800-0.824	NI081BA2	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.810-0.915	NI086BA2	18	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
0.824-0.849	NI084BA2	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.869-0.894	NI088BA2	22	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.860-0.904	NI089BA2	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.880-0.940	NI910BA2	21	0.27	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.890-0.915	NI090BA2	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.935-0.960	NI094BA2	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.890-0.960	NI092BA2	21	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
0.915-0.964	NI094BA2	22	0.30	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.980-1.020	NI099BA2	22	0.30	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.000-1.060	NI103BA2	22	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.250-1.350	NI130BA2	21	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.400-1.600	NI150BA2	18	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.410-1.453	NI144BA2	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.429-1.501	NI147BA2	20	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.477-1.501	NI149BA2	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.500-1.660	NI158BA2	18	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.750-1.780	NI176CA2	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.840-1.870	NI185CA2	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.805-1.880	NI184CA2	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.850-1.910	NI188CA2	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.850-1.990	NI192CA2	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.800-2.000	NI190CA2	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
1.920-1.980	NI195CA2	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.930-1.990	NI196CA2	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
2.110-2.170	NI214CA2	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
2.000-2.200	NI210CA2	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.000-2.300	NI215CA2	18	0.40	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.300-2.500	NI240CA2	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.400-2.500	NI250CA2	21	0.30	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.500-2.700	NI245CA2	18	0.40	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.630-2.660	NI264CA2	23	0.25	1.2:1	-30~+85	125/100	0.75x1.0x0.20	C
2.700-2.900	NI280CA2	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.900-3.100	NI300CA2	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
3.100-3.400	NI325CA2	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
3.400-3.700	NI355CA2	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C

Package: C

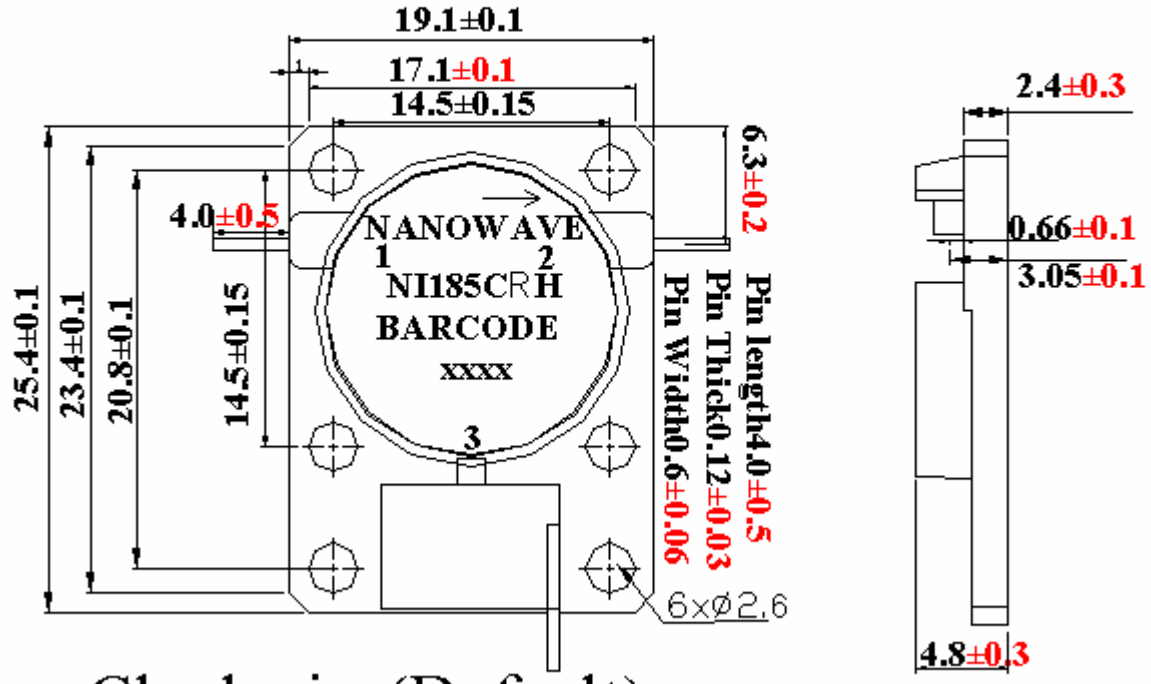
Option: LH(100/150 WattS)



Clockwise(Default)

Package: C

Option: RH(100/150 WattS)



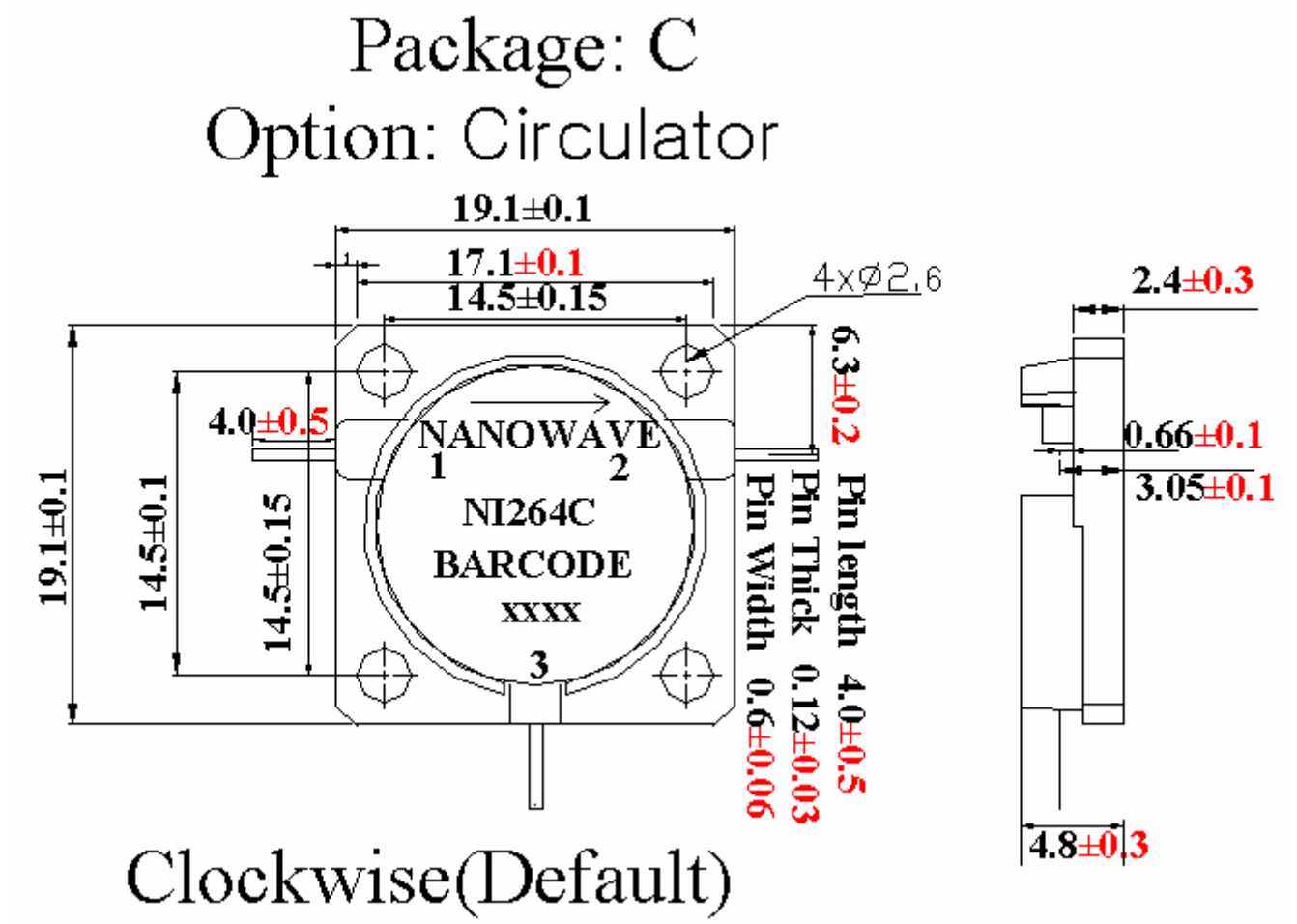
Clockwise(Default)

DROP-IN ISOLATORS(HIGH POWER TERM: LEFT PIN :150 Watts)

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.800-0.824	NI081BLH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.810-0.915	NI086BLH	18	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
0.824-0.849	NI084BLH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.869-0.894	NI088BLH	22	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.860-0.904	NI089BLH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.880-0.940	NI910BLH	21	0.27	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.890-0.915	NI090BLH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.935-0.960	NI094BLH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.890-0.960	NI092BLH	21	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
0.915-0.964	NI094BLH	22	0.30	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.980-1.020	NI099BLH	22	0.30	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.000-1.060	NI103BLH	22	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.250-1.350	NI130BLH	21	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.400-1.600	NI150BLH	18	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.410-1.453	NI144BLH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.429-1.501	NI147BLH	20	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.477-1.501	NI149BLH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.500-1.660	NI158BLH	18	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.750-1.780	NI176CLH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.840-1.870	NI185CLH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.805-1.880	NI184CLH	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.850-1.910	NI188CLH	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.850-1.990	NI192CLH	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.800-2.000	NI190CLH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
1.920-1.980	NI195CLH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.930-1.990	NI196CLH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
2.110-2.170	NI214CLH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
2.000-2.200	NI210CLH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.000-2.300	NI215CLH	18	0.40	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.300-2.500	NI240CLH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.400-2.500	NI250CLH	21	0.30	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.500-2.700	NI245CLH	18	0.40	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.630-2.660	NI264CLH	23	0.25	1.2:1	-30~+85	125/100	0.75x1.0x0.20	C
2.700-2.900	NI280CLH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.900-3.100	NI300CLH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
3.100-3.400	NI325CLH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
3.400-3.700	NI355CLH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C

DROP-IN ISOLATORS(HIGH POWER TERM: RIGHT PIN : 150 Watts)

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.800-0.824	NI081BRH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.810-0.915	NI086BRH	18	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
0.824-0.849	NI084BRH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.869-0.894	NI088BRH	22	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.860-0.904	NI089BRH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.880-0.940	NI910BRH	21	0.27	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.890-0.915	NI090BRH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.935-0.960	NI094BRH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.890-0.960	NI092BRH	21	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
0.915-0.964	NI094BRH	22	0.30	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
0.980-1.020	NI099BRH	22	0.30	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.000-1.060	NI103BRH	22	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.250-1.350	NI130BRH	21	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.400-1.600	NI150BRH	18	0.35	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.410-1.453	NI144BRH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.429-1.501	NI147BRH	20	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.477-1.501	NI149BRH	23	0.25	1.20:1	-30~+85	150/100	1.0x1.25x0.25	B
1.500-1.660	NI158BRH	18	0.30	1.25:1	-30~+85	150/100	1.0x1.25x0.25	B
1.750-1.780	NI176CRH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.840-1.870	NI185CRH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.805-1.880	NI184CRH	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.850-1.910	NI188CRH	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.850-1.990	NI192CRH	21	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.800-2.000	NI190CRH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
1.920-1.980	NI195CRH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
1.930-1.990	NI196CRH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
2.110-2.170	NI214CRH	23	0.25	1.20:1	-30~+85	125/100	0.75x1.0x0.20	C
2.000-2.200	NI210CRH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.000-2.300	NI215CRH	18	0.40	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.300-2.500	NI240CRH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.400-2.500	NI250CRH	21	0.30	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.500-2.700	NI245CRH	18	0.40	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.630-2.660	NI264CRH	23	0.25	1.2:1	-30~+85	125/100	0.75x1.0x0.20	C
2.700-2.900	NI280CRH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
2.900-3.100	NI300CRH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
3.100-3.400	NI325CRH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C
3.400-3.700	NI355CRH	20	0.35	1.25:1	-30~+85	125/100	0.75x1.0x0.20	C



Http://WWW.NANOWAVE.CO.KR,
Email: meyngsoo@hanafos.com

DROP-IN CIRCULATORS

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.800-0.824	NC081B	23	0.25	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
0.810-0.915	NC086B	18	0.35	1.25:1	-30~+85	150/150	1.0x1.0x0.25	B
0.824-0.849	NC084B	23	0.25	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
0.869-0.894	NC088B	22	0.25	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
0.860-0.904	NC089B	23	0.25	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
0.880-0.940	NC910B	21	0.27	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
0.890-0.915	NC090B	23	0.25	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
0.935-0.960	NC094B	23	0.25	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
0.890-0.960	NC092B	21	0.35	1.25:1	-30~+85	150/150	1.0x1.0x0.25	B
0.915-0.964	NC094B	22	0.30	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
0.980-1.020	NC099B	22	0.30	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
1.000-1.060	NC103B	22	0.30	1.25:1	-30~+85	150/150	1.0x1.0x0.25	B
1.250-1.350	NC130B	21	0.30	1.25:1	-30~+85	150/150	1.0x1.0x0.25	B
1.400-1.600	NC150B	18	0.35	1.25:1	-30~+85	150/150	1.0x1.0x0.25	B
1.410-1.453	NC144B	23	0.25	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
1.429-1.501	NC147B	20	0.25	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
1.477-1.501	NC149B	23	0.25	1.20:1	-30~+85	150/150	1.0x1.0x0.25	B
1.500-1.660	NC158B	18	0.30	1.25:1	-30~+85	150/150	1.0x1.0x0.25	B
1.750-1.780	NC176C	23	0.25	1.20:1	-30~+85	125/125	0.75x0.75x0.20	C
1.840-1.870	NC185C	23	0.25	1.20:1	-30~+85	125/125	0.75x0.75x0.20	C
1.805-1.880	NC184C	21	0.25	1.20:1	-30~+85	125/125	0.75x0.75x0.20	C
1.850-1.910	NC188C	21	0.25	1.20:1	-30~+85	125/125	0.75x0.75x0.20	C
1.850-1.990	NC192C	21	0.25	1.20:1	-30~+85	125/125	0.75x0.75x0.20	C
1.800-2.000	NC190C	20	0.35	1.25:1	-30~+85	125/125	0.75x0.75x0.20	C
1.920-1.980	NC195C	23	0.25	1.20:1	-30~+85	125/125	0.75x0.75x0.20	C
1.930-1.990	NC196C	23	0.25	1.20:1	-30~+85	125/125	0.75x0.75x0.20	C
2.110-2.170	NC214C	23	0.25	1.20:1	-30~+85	125/125	0.75x0.75x0.20	C
2.000-2.200	NC210C	20	0.35	1.25:1	-30~+85	125/125	0.75x0.75x0.20	C
2.000-2.300	NC215C	18	0.40	1.25:1	-30~+85	125/125	0.75x0.75x0.20	C
2.300-2.500	NC240C	20	0.35	1.25:1	-30~+85	125/125	0.75x0.75x0.20	C
2.400-2.500	NC250C	21	0.30	1.25:1	-30~+85	125/125	0.75x0.75x0.20	C
2.500-2.700	NC245C	18	0.40	1.25:1	-30~+85	125/125	0.75x0.75x0.20	C
2.630-2.660	NC264C	23	0.25	1.2:1	-30~+85	125/125	0.75x0.75x0.20	C
2.700-2.900	NC280C	20	0.35	1.25:1	-30~+85	125/125	0.75x0.75x0.20	C
2.900-3.100	NC300C	20	0.35	1.25:1	-30~+85	125/125	0.75x0.75x0.20	C
3.100-3.400	NC325C	20	0.35	1.25:1	-30~+85	125/125	0.75x0.75x0.20	C
3.400-3.700	NC355C	20	0.35	1.25:1	-30~+85	125/125	0.75x0.75x0.20	C

COAXIAL ISOLATORS

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Email: meyngsoo@hanafos.com

COAXIAL ISOLATORS(SMA FEMALE-FEMALE)

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.800-0.824	NI081BS	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
0.810-0.915	NI086BS	18	0.38	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBS
0.824-0.849	NI084BS	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
0.869-0.894	NI088BS	22	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
0.860-0.904	NI089BS	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
0.880-0.940	NI910BS	21	0.30	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
0.890-0.915	NI090BS	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
0.935-0.960	NI094BS	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
0.890-0.960	NI092BS	21	0.38	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBS
0.915-0.964	NI094BS	22	0.33	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
0.980-1.020	NI099BS	22	0.33	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
1.000-1.060	NI103BS	22	0.33	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBS
1.250-1.350	NI130BS	21	0.33	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBS
1.400-1.600	NI150BS	18	0.38	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBS
1.410-1.453	NI144BS	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
1.429-1.501	NI147BS	20	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
1.477-1.501	NI149BS	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBS
1.500-1.660	NI158BS	18	0.33	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBS
1.750-1.780	NI176CS	23	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICS
1.840-1.870	NI185CS	23	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICS
1.805-1.880	NI184CS	21	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICS
1.850-1.910	NI188CS	21	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICS
1.850-1.990	NI192CS	21	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICS
1.800-2.000	NI190CS	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICS
1.920-1.980	NI195CS	23	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICS
1.930-1.990	NI196CS	23	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICS
2.110-2.170	NI214CS	23	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICS
2.000-2.200	NI210CS	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICS
2.000-2.300	NI215CS	18	0.43	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICS
2.300-2.500	NI240CS	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICS
2.400-2.500	NI250CS	21	0.33	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICS
2.500-2.700	NI245CS	18	0.43	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICS
2.630-2.660	NI264CS	23	0.28	1.2:1	-30~+85	125/100	0.75x0.75x0.20	ICS
2.700-2.900	NI280CS	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICS
2.900-3.100	NI300CS	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICS
3.100-3.400	NI325CS	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICS
3.400-3.700	NI355CS	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICS

COAXIAL ISOLATORS(N FEMALE-FEMALE)

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.800-0.824	NI081BN	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
0.810-0.915	NI086BN	18	0.38	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBN
0.824-0.849	NI084BN	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
0.869-0.894	NI088BN	22	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
0.860-0.904	NI089BN	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
0.880-0.940	NI910BN	21	0.30	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
0.890-0.915	NI090BN	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
0.935-0.960	NI094BN	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
0.890-0.960	NI092BN	21	0.38	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBN
0.915-0.964	NI094BN	22	0.33	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
0.980-1.020	NI099BN	22	0.33	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
1.000-1.060	NI103BN	22	0.33	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBN
1.250-1.350	NI130BN	21	0.33	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBN
1.400-1.600	NI150BN	18	0.38	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBN
1.410-1.453	NI144BN	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
1.429-1.501	NI147BN	20	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
1.477-1.501	NI149BN	23	0.28	1.20:1	-30~+85	150/100	1.0x1.0x0.25	IBN
1.500-1.660	NI158BN	18	0.33	1.25:1	-30~+85	150/100	1.0x1.0x0.25	IBN
1.750-1.780	NI176CN	23	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICN
1.840-1.870	NI185CN	23	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICN
1.805-1.880	NI184CN	21	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICN
1.850-1.910	NI188CN	21	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICN
1.850-1.990	NI192CN	21	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICN
1.800-2.000	NI190CN	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICN
1.920-1.980	NI195CN	23	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICN
1.930-1.990	NI196CN	23	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICN
2.110-2.170	NI214CN	23	0.28	1.20:1	-30~+85	125/100	0.75x0.75x0.20	ICN
2.000-2.200	NI210CN	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICN
2.000-2.300	NI215CN	18	0.43	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICN
2.300-2.500	NI240CN	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICN
2.400-2.500	NI250CN	21	0.33	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICN
2.500-2.700	NI245CN	18	0.43	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICN
2.630-2.660	NI264CN	23	0.28	1.2:1	-30~+85	125/100	0.75x0.75x0.20	ICN
2.700-2.900	NI280CN	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICN
2.900-3.100	NI300CN	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICN
3.100-3.400	NI325CN	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICN
3.400-3.700	NI355CN	20	0.38	1.25:1	-30~+85	125/100	0.75x0.75x0.20	ICN

COAXIAL CIRCULATORS

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Email: meyngsoo@hanafos.com

COAXIAL CIRCULATORS(SMA FEMALE-FEMALE)

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.800-0.824	NC081BS	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
0.810-0.915	NC086BS	18	0.38	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBS
0.824-0.849	NC084BS	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
0.869-0.894	NC088BS	22	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
0.860-0.904	NC089BS	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
0.880-0.940	NC910BS	21	0.30	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
0.890-0.915	NC090BS	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
0.935-0.960	NC094BS	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
0.890-0.960	NC092BS	21	0.38	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBS
0.915-0.964	NC094BS	22	0.33	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
0.980-1.020	NC099BS	22	0.33	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
1.000-1.060	NC103BS	22	0.33	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBS
1.250-1.350	NC130BS	21	0.33	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBS
1.400-1.600	NC150BS	18	0.38	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBS
1.410-1.453	NC144BS	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
1.429-1.501	NC147BS	20	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
1.477-1.501	NC149BS	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBS
1.500-1.660	NC158BS	18	0.33	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBS
1.750-1.780	NC176CS	23	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCS
1.840-1.870	NC185CS	23	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCS
1.805-1.880	NC184CS	21	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCS
1.850-1.910	NC188CS	21	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCS
1.850-1.990	NC192CS	21	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCS
1.800-2.000	NC190CS	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCS
1.920-1.980	NC195CS	23	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCS
1.930-1.990	NC196CS	23	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCS
2.110-2.170	NC214CS	23	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCS
2.000-2.200	NC210CS	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCS
2.000-2.300	NC215CS	18	0.43	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCS
2.300-2.500	NC240CS	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCS
2.400-2.500	NC250CS	21	0.33	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCS
2.500-2.700	NC245CS	18	0.43	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCS
2.630-2.660	NC264CS	23	0.28	1.2:1	-30~+85	125/125	0.75x0.75x0.20	CCS
2.700-2.900	NC280CS	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCS
2.900-3.100	NC300CS	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCS
3.100-3.400	NC325CS	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCS
3.400-3.700	NC355CS	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCS

COAXIAL CIRCULATORS(N FEMALE-FEMALE)

FREQUENCY (GHz)	MODEL (CLOCKWISE)	ISOLATION dB(Min.)	INS. LOSS dB(Max.)	VSWR (Max.)	TEMP (℃)	POWER(WATTs) FWD/REV	DIMENSIONS (INCHES)LxWxT	PACKAGE OUTLINE
0.800-0.824	NC081BN	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
0.810-0.915	NC086BN	18	0.38	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBN
0.824-0.849	NC084BN	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
0.869-0.894	NC088BN	22	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
0.860-0.904	NC089BN	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
0.880-0.940	NC910BN	21	0.30	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
0.890-0.915	NC090BN	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
0.935-0.960	NC094BN	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
0.890-0.960	NC092BN	21	0.38	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBN
0.915-0.964	NC094BN	22	0.33	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
0.980-1.020	NC099BN	22	0.33	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
1.000-1.060	NC103BN	22	0.33	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBN
1.250-1.350	NC130BN	21	0.33	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBN
1.400-1.600	NC150BN	18	0.38	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBN
1.410-1.453	NC144BN	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
1.429-1.501	NC147BN	20	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
1.477-1.501	NC149BN	23	0.28	1.20:1	-30~+85	150/150	1.0x1.0x0.25	CBN
1.500-1.660	NC158BN	18	0.33	1.25:1	-30~+85	150/150	1.0x1.0x0.25	CBN
1.750-1.780	NC176CN	23	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCN
1.840-1.870	NC185CN	23	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCN
1.805-1.880	NC184CN	21	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCN
1.850-1.910	NC188CN	21	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCN
1.850-1.990	NC192CN	21	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCN
1.800-2.000	NC190CN	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCN
1.920-1.980	NC195CN	23	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCN
1.930-1.990	NC196CN	23	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCN
2.110-2.170	NC214CN	23	0.28	1.20:1	-30~+85	125/125	0.75x0.75x0.20	CCN
2.000-2.200	NC210CN	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCN
2.000-2.300	NC215CN	18	0.43	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCN
2.300-2.500	NC240CN	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCN
2.400-2.500	NC250CN	21	0.33	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCN
2.500-2.700	NC245CN	18	0.43	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCN
2.630-2.660	NC264CN	23	0.28	1.2:1	-30~+85	125/125	0.75x0.75x0.20	CCN
2.700-2.900	NC280CN	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCN
2.900-3.100	NC300CN	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCN
3.100-3.400	NC325CN	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCN
3.400-3.700	NC355CN	20	0.38	1.25:1	-30~+85	125/125	0.75x0.75x0.20	CCN

HOW TO ORDER

CIRCULATOR/ISOLATOR Model

FOR INSTANCE: **N** **I/C** **185** **B** **A3R**

NANOWAVE

I: ISOLATOR
C: CIRCULATOR

Frequency: MHz/10
Ex: 1855MHz : 185
Ex: 0881MHz : 088

PACKAGE OUTLINE
B: Drop-in 1.0x1.25 inches
C: Drop-in 0.75x1.0 inches
CS: Coaxial SMA Type
CN: Coaxial N Type

Coaxial Case/Drop-in Termination Options
M: 10W Load
H: 100W/150W Load
LH: 150W Load Connection Pin Left
RH: 150W Load Connection Pin Right
A3: -30dB Attenuator Pin Center
A2: -20dB Attenuator Pin Center
DH: Large, Mounting Through Hole Yes
PH: Small, Mounting Through Hole Yes
R: Counter Clock Wise Options ß - - - -