

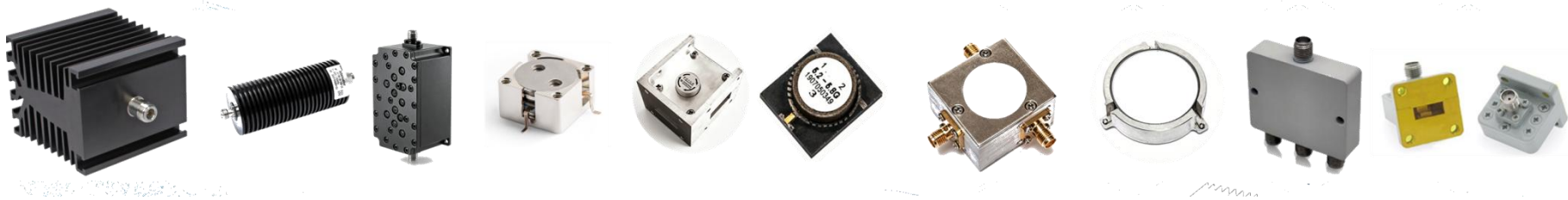
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Coaxial Circulators



Narrow Band Coaxial Circulator from 40MHz to 40GHz

Frequency Range(MHz)	Band Width(MHz)	Insertion Loss(dB Max)	Isolation (dB Min)	VSWR (Max)	Average power(W)	Temp. (°C)	Size L*W*H(mm)	Connector Type	Part Number Data Sheet
40~70	2	1	18	1.3	300	0~+60	80*80*26	SMA/N	CC40T42A8080SF
72~76	Full	0.8	20	1.25	300	0~+60			CC72T76A8080SF
88~108	Full	0.8	18	1.3	600	-30~+60			CC88T108A8080SF
118~136	Full	0.5	20	1.25	800	-30~+60			CC118T136A8080SF
136~174	Full	0.5	20	1.25	800	-30~+60			CC136T174A8080SF
200~300	20	0.4	20	1.25	300	-30~+75	52*57.5*20	SMA/N	CC200T220A5257SF
223~235	Full	0.3	23	1.2	400	-30~+75			CC223T235A5257SF
300~400	Full	0.4	20	1.25	300	-30~+75			CC300T400A5257SF
470~700	Full	0.5	16	1.4	400	-30~+75			CC470T700A5257SF
600~800	Full	0.3	20	1.25	400	-30~+75			CC600T800A5257SF
615~960	Full	0.6	16	1.4	300	-30~+75			CC615T960A5257SF
960~1225	Full	0.3	20	1.25	600	-55~+95			CC960T1225A5257SF
300~500	20	0.3	23	1.2	200	-30~+75	35*38*20	SMA/N	CC300T320A3538SF
350~370	Full	0.25	25	1.15	300	-40~+90			CC350T370A3538SF
370~410	Full	0.4	20	1.25	300	-30~+75			CC370T410A3538SF
410~470	Full	0.4	20	1.25	300	-30~+75			CC410T470A3538SF
500~700	Full	0.6	16	1.4	200	-30~+75			CC500T700A3538SF

600~800	Full	0.5	18	1.3	300	-30~+75			CC600T800A3538SF
960~1225	Full	0.3	20	1.25	300	-55~+90			CC960T1225A3538SF
1350~1850	Full	0.5	20	1.25	300	-55~+90			CC1350T1850A3538SF
1800~2400	Full	0.3	20	1.25	300	-55~+90			CC1800T2400A3538SF
600~1000	50	0.3	23	1.2	200	-30~+75	25.4*28.5*20	SMA/N	CC600T650A2528SF
758~803	Full	0.25	25	1.15	200	-40~+90			CC758T803A2528SF
1000~3000	200	0.3	23	1.2	200	-30~+75			CC1000T3000A2528SF
925~960	Full	0.2	25	1.15	200	-40~+90			CC925T960A2528SF
960~1215	Full	0.4	20	1.25	200	-55~+95			CC960T1215A2528SF
1300~1500	Full	0.3	23	1.2	200	-55~+95			CC1300T1500A2528SF
1805~1880	Full	0.2	25	1.15	200	-40~+90			CC1805T1880A2528SF
1920~1990	Full	0.2	25	1.15	200	-40~+90			CC1920T1990A2528SF
2110~2180	Full	0.2	25	1.15	200	-40~+90			CC2110T2180A2528SF
1.7~2.2GHz	Full	0.4	20	1.25	200	-40~+90			CC1700T2200A2528SF
2.3~2.7GHz	Full	0.3	20	1.25	200	-55~+95			CC2300T2700A2528SF
2.7~3.1GHz	Full	0.3	20	1.25	200	-55~+95			CC2700T3100A2528SF
3.0~6.5GHz	300	0.3	23	1.2	100	-55~+95			CC3000T3300A2528SF
3.0~6.5GHz	600	0.4	20	1.25	100	-55~+95			CC3300T3900A2528SF
3.0~6.5GHz	1000	0.5	20	1.25	100	-55~+95			CC3000T4000A2528SF
3.3~3.8GHz	Full	0.3	23	1.2	100	-55~+95			CC3300T3800A2528SF
4.5~5.0GHz	Full	0.3	23	1.2	100	-55~+95			CC4400T50000A2528SF
5.0~6.0GHz	Full	0.4	23	1.2	100	-55~+95			CC5000T6000A2528SF
4.0-8.0GHz	300	0.3	23	1.2	100	-55~+95	16*21*15	SMA	CC4000T4300A1621SF
4.0-8.0GHz	600	0.3	20	1.25	100	-55~+95			CC4000T4600A1621SF
4.0-8.0GHz	1000	0.4	20	1.25	100	-55~+95			CC4400T5400A1621SF
4.0-8.0GHz	Full	0.3	23	1.2	50	-30~+75			CC3700T4200A1621SF
4.4~6.8GHz	Full	0.5	16	1.4	50	-30~+75			CC4400T6800A1621SF
5.0~7.0GHz	Full	0.5	20	1.25	50	-30~+75			CC5000T7000A1621SF
8~18GHz	300	0.25	25	1.15	50	-55~+95	15*19*13	SMA/2.92mm	CC8000T8300A1519SF
8~18GHz	600	0.3	23	1.2	50	-55~+95			CC8000T8600A1519SF
8~18GHz	1000	0.4	20	1.25	30	-55~+95			CC8000T900A1519SF

8~18GHz	2000	0.6	18	1.3	30	-55~+95			CC8000T11000A1519SF
8~10.4GHz	Full	0.5	20	1.25	30	-55~+95			CC8000T10400A1519SF
9~11GHz	Full	0.4	20	1.25	30	-55~+95			CC9000T11000A1519SF
12~15GHz	Full	0.5	20	1.25	30	-55~+95			CC12000T15000A1519SF
16~18GHz	Full	0.4	20	1.25	30	-55~+95			CC16000T18000A1519SF
18~40GHz	500	0.3	23	1.2	10	-55~+95	13*18*12.7	2.92mm	CC18000T18500A1318SF
18~40GHz	1000	0.4	20	1.25	10	-55~+95			CC18000T19000A1318SF
18~40GHz	2000	0.5	20	1.25	10	-55~+95			CC19000T22000A1318SF
18~22GHz	Full	0.6	20	1.25	10	-55~+95			CC18000T22000A1318SF
24~30GHz	Full	1	17	1.45	10	-30~+75			CC24000T30000A1318SF
30~40GHz	Full	1.2	16	1.45	10	-55~+95			CC30000T40000A1318SF

Board Band Coaxial Circulator From 80MHz to 40GHz

Frequency Range(GHz)	Band Width(MHz)	Insertion Loss(dB Max)	Isolation (dB Min)	VSWR (Max)	Average power(W)	Temp. (°C)	Size L*W*H(mm)	Connector Type	Part Number Data Sheet
0.08~0.12	Full	0.8	18	1.3	100	0~+60	64*66*22	SMA/N	BCC80T120A6466SF
0.13~0.18	Full	0.8	18	1.3	100	0~+60			BCC130T180A6466SF
0.225~0.40	Full	0.8	18	1.3	100	0~+60			BCC225T400A6466SF
0.48~0.86	Full	0.7	15	1.45	200	0~+60	52*57.5*20	SMA/N	BCC480T860A6466SF
0.70~1.0	Full	0.5	20	1.25	300	-30~+75			BCC700T1000A5257SF
0.95~1.45	Full	0.5	18	1.3	300	-30~+75			BCC950T1450A5257SF
1.0~2.0	Full	0.7	16	1.4	100	0~+60	64*66*26	SMA/N	BCC1000T2000A6466SF
1.5~2.5	Full	0.7	17	1.35	100	-30~+60	45*45*19	SMA/N	BCC1500T2500A4545SF
2.0~4.0	Full	0.6	18	1.35	100	0~+60	32*34*21	SMA/N	BCC2000T4000A3234SF
2.0~6.0	Full	0.8	15	1.5	100	0~+60	30.5*30.5*15	SMA	BCC2000T6000A3030SF
3.0~6.0	Full	0.5	18	1.3	50	-30~+75	25.4*28.5*20	SMA/N	BCC3000T6000A2528SF
4.0~8.0	Full	0.5	18	1.3	50	-30~+75	20*26*14	SMA	BCC4000T8000A2026SF
5.0~10.0	Full	0.5	18	1.3	50	-30~+75			BCC5000T10000A2026SF
6.0~12.0	Full	0.6	16	1.4	50	-30~+75	16*21*13	SMA	BCC6000T12000A1621SF

6.0~18.0	Full	1.5	11	1.9	30	-30~+75	19*20.3*14	SMA	BCC6000T18000A1920SF
8.0~12.0	Full	0.5	20	1.25	30	-55~+85	15*19*13	SMA	BCC8000T12000A1519SF
10.0~15.0	Full	0.5	20	1.25	30	-55~+85			BCC10000T15000A1519SF
12.0~18.0	Full	0.5	20	1.25	30	-55~+85			BCC12000T18000A1519SF
8.0~18.0	Full	0.8	14	1.5	30	-55~+85	19*20.3*14	SMA	BCC8000T18000A1920SF
18.0~26.5	Full	0.8	16	1.45	10	-55~+85	13*18*12.7	2.92mm	BCC18000T26500A1318SF
26.5~40.0	Full	1.5	14	1.6	10	-55~+85			BCC26500T40000A1318SF

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Drop in Circulators

Drop in Circulator from 40MHz to 40GHz									
Frequency Range(MHz)	Band Width(MHz)	Insertion Loss(dB Max)	Isolation (dB Min)	VSWR (Max)	Average power(W)	Temp. (°C)	Size L*W*H(mm)	Connector Type	Part Number Data Sheet
40~70	2	1	18	1.3	300	0~+60	80*80*18	TAB	DC40T70A8080
72~76	Full	0.8	20	1.25	300	0~+60			DC72T76A8080
88~108	Full	0.8	18	1.3	600	-30~+60			DC88T108A8080
118~136	Full	0.5	20	1.25	800	-30~+60			DC118T136A8080
136~174	Full	0.5	20	1.25	800	-30~+60			DC136T174A8080
130~180	5	0.5	20	1.25	300	-30~+60	50.8*50.8*13	TAB	DC130T180A5050

223~235	Full	0.3	20	1.25	400	-30~+75			DC223T235A5050
470~700	Full	0.5	16	1.4	400	-30~+75			DC470T700A5050
600~800	Full	0.3	20	1.25	400	-30~+75			DC600T800A5050
960~1225	Full	0.4	20	1.25	800	-55~+95			DC960T1225A5050
200~300	10	0.5	20	1.25	300	-30~+75	42*42*11.5	TAB	DC200T300A4242
320~360	Full	0.3	20	1.25	300	-40~+90			DC320T360A4242
350~370	Full	0.25	25	1.15	300	-40~+90			DC350T370A4242
400~480	Full	0.3	20	1.25	300	-40~+90			DC400T480A4242
500~700	Full	0.5	18	1.3	300	-30~+75			DC500T700A4242
615~960	Full	0.6	16	1.4	300	-30~+75			DC615T960A4242
300~500	50	0.3	20	1.25	200	-30~+75	35*38*13	TAB	DC300T500A3538
370~410	Full	0.4	20	1.25	200	-30~+75			DC370T410A3538
410~470	Full	0.4	20	1.25	200	-30~+75			DC410T470A3538
600~800	Full	0.6	18	1.3	300	-30~+75			DC600T800A3538
960~1225	Full	0.3	20	1.25	300	-55~+90			DC960T1225A3538
1350~1850	Full	0.5	20	1.25	300	-55~+90			DC1350T1850A3538
1800~2200	Full	0.3	20	1.25	300	-55~+90	25.4*25.4*10	TAB	DC1800T2200A3538
300~600	10	0.5	20	1.25	50	-30~+60			DC300T600A2525
223~235	Full	0.5	17	1.4	50	0~+60			DC223T235A2525
700~2700	100	0.3	23	1.2	200	-40~+90			DC700T2700A2525
758~803	Full	0.2	25	1.15	200	-40~+90			DC758T803A2525
825~960	Full	0.3	20	1.25	200	-40~+90			DC825T960A2525
960~1215	Full	0.4	20	1.25	200	-55~+95			DC960T1215A2525
1700~2200	Full	0.4	20	1.25	200	-55~+95			DC1700T2200A2525
1805~1880	Full	0.2	25	1.15	200	-40~+90			DC1805T1880A2525
1920~1990	Full	0.2	25	1.15	200	-40~+90			DC1920T1990A2525
2110~2180	Full	0.2	25	1.15	200	-40~+90			DC2110T2180A2525
2300~2700	Full	0.3	20	1.25	200	-55~+95			DC2300T2700A2525
350~600	10	0.5	20	1.25	50	0~+60	19*19*8	TAB	DC350T600A1919
700~1000	50	0.5	20	1.25	100	-30~+75			DC700T1000A1919

890~960	Full	0.4	20	1.25	100	-30~+75			DC890T960A1919
990~1130	Full	0.5	18	1.3	100	-30~+75			DC990T1130A1919
1300~2500	70	0.3	23	1.2	100	-30~+75			DC1300T2500A1919
1710~1880	Full	0.3	20	1.25	100	-30~+75			DC1710T1880A1919
1805~2690	Full	0.6	15	1.5	100	-30~+75			DC1805T2690A1919
2500~2700	Full	0.3	23	1.2	100	-30~+75			DC2500T2700A1919
3300~3800	Full	0.4	20	1.25	100	-30~+75			DC3300T3800A1919
800~1500	20	0.4	20	1.25	50	-30~+75	12.7*12.7*6.5	TAB	DC800T1500A1212
990~1130	Full	0.6	18	1.3	50	-30~+75			DC990T1130A1212
1600~1630	Full	0.25	25	1.15	100	-55~+95			DC1600T1630A1212
1800~5000	200	0.3	23	1.2	100	-30~+75			DC1800T5000A1212
3700~4200	Full	0.5	20	1.25	50	-30~+75			DC3700T4200A1212
4400~5000	Full	0.5	20	1.25	50	-30~+75			DC4400T5000A1212
5000~8000	600	0.5	20	1.25	50	-30~+75			DC5000T8000A1212
8~18GHz	300	0.3	23	1.2	20	-40~+75	8.9*15*7.7	TAB	DC8000T18000A0815
7.7~8.4GHz	Full	0.4	20	1.25	20	-40~+75			D7700T18400A0815
9~11GHz	Full	0.5	20	1.25	20	-40~+75			DC9000T11000A0815
14~16GHz	Full	0.5	20	1.25	20	-40~+75			DC14000T116000A0815
18~40GHz	500	0.4	20	1.25	10	-40~+75	13*18*12.7	TAB	DC18000T40000A1318
24~28GHz	Full	0.6	18	1.3	10	-40~+75			DC24000T28000A1318
32~40GHz	Full	0.8	18	1.3	10	-40~+75			DC32000T40000A1318

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Surface Mount Circulators

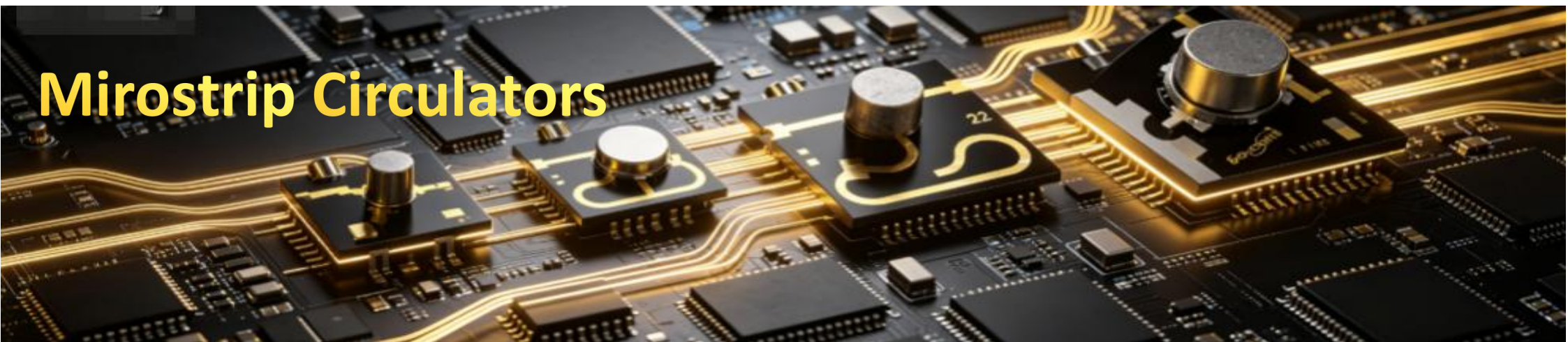
SMD Circulator from 200MHz to 5.9GHz

Frequency Range(MHz)	Band Width(MHz)	Insertion Loss(dB Max)	Isolation (dB Min)	VSWR(Max)	Average power(W)	Temp. (°C)	Size (mm)	Connector Type	Part Number Data Sheet
200~400	10	0.3	23	1.2	300	-30~+75	Φ42*12	SMT	SC200T400A42
360~390	Full	0.3	20	1.25	300	-30~+75			SC360T390A42
400~480	Full	0.4	20	1.25	300	-30~+75			SC400T480A42
400~600	30	0.3	23	1.2	300	-30~+75	Φ31.8*9.5	SMT	SC400T600A42
617~756	Full	0.3	20	1.25	300	-40~+90			SC617T756A31
800~1000	Full	0.4	20	1.25	300	-30~+75			SC800T1000A31
600~1300	50	0.3	23	1.2	200	-30~+75	Φ25.4*8.5	SMT	SC600T1300A31
223~235	Full	0.5	18	1.3	100	0~+75			SC223T235A25
960~1215	Full	0.5	20	1.25	100	-55~+85			SC960T1215A25
1000~1600	30	0.3	23	1.2	100	-30~+75	Φ13.5*7	SMT	SC1000T1600A25
1600~4000	100	0.3	23	1.2	100	-30~+75			SC1600T4000A25
2110~2180	Full	0.2	25	1.15	200	-40~+110			SC2110T2180A25
2500~2700	Full	0.25	23	1.2	200	-40~+110			SC2500T2700A25
3400~3800	Full	0.3	20	1.2	200	-40~+110	Φ10*6.8	SMT	SC3400T3800A13
2000~5500	100	0.25	23	1.2	50	-40~+125			SC2000T5500A13
1930~1990	Full	0.3	23	1.2	50	-40~+95			SC1930T1990A13

1805~2170	Full	0.5	17	1.35	30	-40~+110			SC1805T2170A13
2496~2690	Full	0.25	20	1.18	50	-40~+125			SC2496T2690A13
3400~3600	Full	0.2	20	1.18	50	-40~+125			SC3400T3600A13
3300~3800	Full	0.3	20	1.18	50	-40~+125			SC3300T3800A13
4500~5000	Full	0.3	20	1.18	50	-40~+125			SC4500T5000A10
1800~2300	30	0.3	23	1.2	30	-40~+95	Φ7*5.5	SMT	SC1800T2300A7
2300~6000	100	0.3	23	1.2	30	-40~+95			SC2300T6000A7
2496~2690	Full	0.3	20	1.18	30	-40~+125			SC2496T2690A7
3400~3600	Full	0.25	20	1.18	30	-40~+125			SC3400T3600A7
3300~3800	Full	0.5	20	1.25	30	-40~+125			SC3300T3800A7
4700~5000	Full	0.3	20	1.18	30	-40~+125			SC4700T5000A7
5200~5900	Full	0.5	20	1.25	30	-40~+95			SC5200T5900A7

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Mirostrip Circulators



Microstrip Circulator from 200MHz to 5.9GHz

Frequency Range(GHz)	Band Width(MHz)	Insertion Loss(dB Max)	Isolation (dB Min)	VSWR (Max)	Average power(W)	Temp. (°C)	Size (mm)	Connector Type	Part Number Data Sheet
3.0~4.5	50	0.35	23	1.2	10	-55~+95	14*16*5	Microstrip	MC3000T3050A1416
3.0~4.5	200	0.4	20	1.25	10	-55~+95			MC3000T3200A1417
3.0~4.5	500	0.5	20	1.25	10	-55~+95			MC3000T3500A1418
4.0~5.5	50	0.35	23	1.2	10	-55~+95	12*14*5	Microstrip	MC4000T4050A1214
4.0~5.5	200	0.4	20	1.25	10	-55~+95			MC4000T4200A1214
4.0~5.5	600	0.5	20	1.25	10	-55~+95			MC4000T4600A1214
5.5~8.5	100	0.35	23	1.2	10	-55~+95	12.7*12.7*6	Microstrip	MC5500T5600A1212
5.5~8.5	400	0.4	20	1.25	10	-55~+95			MC5500T5900A1212
5.8~6.5	Full	0.4	20	1.25	10	-55~+95			MC5800T6500A1212
6.4~7.4	Full	0.4	20	1.25	10	-55~+95			MC6400T7400A1212
7.4~8.4	Full	0.4	20	1.25	10	-55~+95			MC7400T8400A1212
8.0~13	200	0.35	23	1.2	5	-55~+95	9*10*5	Microstrip	MC8000T8200A0910
8.0~13	400	0.4	20	1.25	5	-55~+95			MC8000T8400A0910
8.0~13	800	0.5	20	1.25	5	-55~+95			MC8000T8800A0910
12~22	200	0.35	23	1.2	5	-55~+95	6*7.5*4.5	Microstrip	MC12000T12200A0607
8.0~13	500	0.4	20	1.25	5	-55~+95			MC12000T12500A0607
8.0~13	1000	0.5	20	1.25	5	-55~+95			MC12000T13000A0607
12~22	200	0.4	23	1.2	3	-55~+95	7*7*3.5 magnetic shielding cover	Microstrip	MC22000T22200A0707
12~22	500	0.5	23	1.2	3	-55~+95			MC22000T22500A0707
12~22	1000	0.6	20	1.25	3	-55~+95			MC22000T23000A0707
27.5~29.5	Full	0.8	20	1.25	3	-55~+95			Contact Us

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Waveguide Circulators

Waveguide Type from 200MHz to 5.9GHz

Frequency Range(GHz)	Band Width(GHz)	Insertion Loss(dB Max)	Isolation (dB Min)	VSWR (Max)	Average power(W)	Temp. (°C)	Connector Type	Part Number Data Sheet
6.57-9.99	0.5	0.3	23	1.2	100W	-55~+85	WR112	WC7T7.5P100WR112
6.57-9.99	1	0.35	20	1.25	100W	-55~+85		WC6.57T7.57P100WR112
7.7-8.4	Full	0.4	20	1.2	100W	-55~+85		WC7.7T8.4P100WR112
8.2-12.5	1	0.3	23	1.2	100W	-55~+85	WR90	WC9T10P100WR90
8.2-12.5	2	0.4	20	1.25	100W	-55~+85		WC9T11P100WR90
8.6-9.6	Full	0.3	23	1.15	100W	-55~+85		WC8.6T9.6P100WR90
9.84-15	1	0.3	23	1.2	100W	-55~+85	WR75	WC10T11P100WR75
9.84-15	2	0.4	20	1.25	100W	-55~+85		WC10T12P100WR75
12-18	1	0.3	23	1.2	100W	-55~+85	WR62	WC12T13P100WR62
12-18	2	0.4	20	1.25	100W	-55~+85		WC12T14P100WR62
16-17	Full	0.3	23	1.15	100W	-55~+85		WC16T17P100WR62
14.5-22	1	0.3	23	1.2	100W	-55~+85	WR51	WC14.5T15.5P100WR51
14.5-22	2	0.4	20	1.25	100W	-55~+85		WC14.5T16.5P100WR51
17.6-26.7	1	0.3	23	1.2	100W	-55~+85	WR42	WC18T19P100WR42
17.6-26.7	2	0.4	20	1.25	100W	-55~+85		WC19T21P100WR42
26.3-40	0.5	0.3	23	1.2	25W	-55~+85	WR28	WC26.5T27P25WR28
26.3-40	1	0.4	20	1.25	80W	-55~+85		WC26T27P80WR28
26.3-40	0.5	0.3	25	1.15	80W	-55~+85	WR28	WC26.5T27P80WR28

26.3-40	1	0.3	20	1.25	80W	-55~+85		WC26T27P80WR28
27-29.5	Full	0.4	20	1.25	80W	-55~+85		WC27T29.5P80WR28
31.8-33.4	Full	0.4	20	1.25	80W	-55~+85		WC31.8T33.4P80WR28
37-40	Full	0.40	18	1.3	25W	-55~+85		WC37T40P25WR28
32.9-50.1	1	0.5	23	1.2	10W	-55~+85	WR22	WC33T34P10WR22
32.9-50.1	2	0.6	20	1.25	10W	-55~+85		WC33T35P10WR22

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WAVEGUIDE TO COAXIAL ADAPTERS

Waveguide to Coaxial Adapter Right Angle 90°

Frequency (GHz)	Insertion Loss(dB)	VSWR	Connector Type	Connector Type	CW Power (W)	Peak Power (KW)	Temp. (°C)	Part Number Data Sheet
0.32~0.49	0.12	1.25	WR2300(BJ3)	N, SMA, 7/16	100	3	-55~+85	WTCA90WR2300
0.35~0.53	0.12	1.25	WR2100(BJ4)	N, SMA, 7/16	100	3	-55~+85	WTCA90WR2100
0.41~0.62	0.2	1.25	WR1800(BJ5)	N, SMA, 7/16	100	3	-55~+85	WTCA90WR1800
0.49~0.75	0.12	1.25	WR1500(BJ6)	N, SMA, 7/16	100	3	-55~+85	WTCA90WR1500
0.64~0.96	0.12	1.25	WR1150(BJ8)	N, SMA, 7/16	100	3	-55~+85	WTCA90WR1150
0.75~1.12	0.12	1.25	WR975(BJ9)	N, SMA, 7/16	100	3	-55~+85	WTCA90WR975

0.96~1.45	0.12	1.2	WR770(BJ12)	N, SMA, 7/16	100	3	-55~+85	WTCA90WR770
1.13~1.73	0.2	1.2	WR650(BJ14)	N, SMA, 7/16	100	3	-55~+85	WTCA90WR650
1.45~2.20	0.2	1.2	WR510(BJ18)	N, SMA, 7/16	100	3	-55~+85	WTCA90WR510
1.72~2.61	0.2	1.2	WR430(BJ22)	N, SMA, 7/16	100	3	-55~+85	WTCA90WR430
2.17~3.30	0.2	1.15	WR340(BJ26)	N, SMA, 7/16	100	3	-55~+85	WTCA90WR340
2.6~3.95	0.15	1.15	WR284(BJ32)	N, SMA, 7/16	300	3	-55~+85	WTCA90WR284
3.22~4.90	0.15	1.15	WR229(BJ40)	N, SMA	100	3	-55~+85	WTCA90WR229
3.94~5.99	0.15	1.15	WR187(BJ48)	N, SMA	100	3	-55~+85	WTCA90WR187
4.64~7.05	0.2	1.15	WR159(BJ58)	N, SMA	100	3	-55~+85	WTCA90WR159
5.38~8.17	0.15	1.15	WR137(BJ70)	N, SMA	100	3	-55~+85	WTCA90WR137
6.57~9.99	0.2	1.15	WR112(BJ84)	N, SMA	50	3	-55~+85	WTCA90WR112
8.2~12.5	0.2	1.15	WR90(BJ100)	N, SMA	50	1	-55~+85	WTCA90WR90
9.84~15.0	0.2	1.15	WR75(BJ120)	SMA	50	1	-55~+85	WTCA90WR75
11.9~18.0	0.2	1.15	WR62(BJ140)	SMA	50	1	-55~+85	WTCA90WR62
14.5~22.0	0.25	1.2	WR51(BJ180)	SMA, 2.92mm	50	1	-55~+85	WTCA90WR51
18.0~26.5	0.25	1.2	WR42(BJ220)	SMA, 2.92mm	50	1	-55~+85	WTCA90WR42
21.7~33.0	0.25	1.2	WR34(BJ260)	2.92mm	3	0.1	-55~+85	WTCA90WR34
26.5~40.0	0.25	1.25	WR28(BJ320)	2.92mm, 2.4mm	3	0.1	-55~+85	WTCA90WR28
33.0~50.0	0.4	1.25	WR22(BJ400)	2.4mm	3	0.1	-55~+85	WTCA90WR22
40.0~60.0	1.0	1.8	WR19(BJ500)	1.85mm	3	0.1	-55~+85	WTCA90WR19
49.8~75.5	1.0	2.0	WR15(BJ620)	1.85mm	3	0.1	-55~+85	WTCA90WR15
60.0~90.0	1.2	1.6	WR12(BJ740)	1.0mm	3	0.1	-55~+85	WTCA90WR12
75.0~110.0	1.2	1.6	WR10(BJ900)	1.0mm	3	0.1	-55~+85	WTCA90WR10

Waveguide to Coaxial Adapter End Launch 180°

Frequency (GHz)	Insertion Loss(dB)	VSWR	Connector Type	Connector Type	CW Power (W)	Peak Power (KW)	Temp. (°C)	Part Number Data Sheet
2.17~3.30	0.2	1.25	WR340(BJ26)	N, SMA, 7/16	100	3	-55~+85	WTCA180WR340
2.6~3.95	0.2	1.25	WR284(BJ32)	N, SMA, 7/16	100	3	-55~+85	WTCA180WR284
2.6~3.95	0.2	1.25	WR284(BJ32)	N, 7/16	300	3	-55~+85	WTCA180WR284

3.94~5.99	0.3	1.25	WR187(BJ48)	N, SMA	100	3	-55~+85	WTCA180WR187
4.64~7.05	0.3	1.25	WR159(BJ58)	N, SMA	100	3	-55~+85	WTCA180WR159
5.38~8.17	0.3	1.25	WR137(BJ70)	N, SMA	100	3	-55~+85	WTCA180WR137
6.57~9.99	0.3	1.25	WR112(BJ84)	N, SMA	50	3	-55~+85	WTCA180WR112
8.2~12.5	0.3	1.25	WR90(BJ100)	N, SMA	50	1	-55~+85	WTCA180WR90
9.84~15.0	0.3	1.25	WR75(BJ120)	SMA	50	1	-55~+85	WTCA180WR75
11.9~18.0	0.3	1.25	WR62(BJ140)	SMA	50	1	-55~+85	WTCA180WR62
14.5~22.0	0.3	1.3	WR51(BJ180)	SMA, 2.92mm	50	1	-55~+85	WTCA180WR51
18.0~26.5	0.25	1.25	WR42(BJ220)	SMA, 2.92mm	50	1	-55~+85	WTCA180WR42
21.7~33.0	0.25	1.2	WR34(BJ260)	2.92mm	3	0.1	-55~+85	WTCA180WR34
26.5~40.0	0.25	1.25	WR28(BJ320)	2.92mm, 2.4mm	3	0.1	-55~+85	WTCA180WR28
33.0~50.0	0.5	1.6	WR22(BJ400)	2.4mm	3	0.1	-55~+85	WTCA180WR22
40.0~60.0	1.0	1.8	WR19(BJ500)	1.85mm	3	0.1	-55~+85	WTCA180WR19
49.8~67.0	0.6	1.8	WR15(BJ620)	1.85mm	3	0.1	-55~+85	WTCA180WR15
50.0~75.0	0.6	1.5	WR15(BJ620)	1.0mm	3	0.1	-55~+85	WTCA180WR15
60.0~90.0	0.5	1.5	WR12(BJ740)	1.0mm	3	0.1	-55~+85	WTCA180WR12
73.8~112.0	1.5	1.8	WR10(BJ900)	1.0mm	3	0.1	-55~+85	WTCA180WR10

RF Isolators

- Coaxial Isolators
- Drop in Isolators
- Surface Mount Isolators
- Microstrip Isolators
- Waveguide Isolators



Narrow Band Coaxial Isolator from 40MHz to 40GHz

Frequency Range (MHz)	Band Width(MHz)	Insertion Loss(dB Max)	Isolation (dB Min)	VSWR (Max)	Average power(W)	Temp. (°C)	Size L*W*H (mm)	Connector Type	Part Number Data Sheet
200~300	20	0.4	20	1.25	300	-30~+75	52*57.5*20 Connect to 250W load	SMA/N	CI200T220P300SF-1
223~235	Full	0.3	23	1.2	400	-30~+75			CI223T235P400SF-1
300~400	Full	0.4	20	1.25	300	-30~+75			CI300T400P300SF-1
470~700	Full	0.5	16	1.4	400	-30~+75			CI470T700P400SF-1
600~800	Full	0.3	20	1.25	400	-30~+75			CI600T800P400SF-1
615~960	Full	0.6	16	1.4	300	-30~+75			CI615T960P300SF-1
700~1000	Full	0.5	18	1.3	300	-30~+75			CI700T1000P300SF-1
960~1225	Full	0.3	20	1.25	600	-55~+95			CI960T1225P600SF-1
300~500	20	0.3	23	1.2	200	-30~+75	35*38*20 Connect to 150W load	SMA/N	CI300T320P200SF-1
350~370	Full	0.25	25	1.15	300	-40~+90			CI350T370P300SF-1
370~410	Full	0.4	20	1.25	300	-30~+75			CI370T410P300SF-1
410~470	Full	0.4	20	1.25	300	-30~+75			CI410T470P300SF-1
500~700	Full	0.6	16	1.4	200	-30~+75			CI500T700P200SF-1
600~800	Full	0.5	18	1.3	300	-30~+75			CI600T800P300SF-1
960~1225	Full	0.3	20	1.25	300	-55~+90			CI960T1225P300SF-1
1100~1600	Full	0.6	16	1.4	200	-30~+75			CI1100T1600P200SF-1
1350~1850	Full	0.5	20	1.25	300	-55~+90			CI1350T1850P300SF-1
1800~2400	Full	0.3	20	1.25	300	-55~+90			CI1800T2400P300SF-1
600~1000	50	0.3	23	1.2	200	-30~+75	25.4*28.5*20 Connect to 100W load	SMA/N	CI600T650P200SF-1
758~803	Full	0.25	25	1.15	200	-40~+90			CI758T803P200SF-1
1000~3000	200	0.3	23	1.2	200	-30~+75			CI1000T1200P200SF-1
925~960	Full	0.2	25	1.15	200	-40~+90			CI925T960P200SF-1
960~1215	Full	0.4	20	1.25	200	-55~+95			CI960T1215P200SF-1
1300~1500	Full	0.3	23	1.2	200	-55~+95			CI1300T1500P200SF-1

1805~1880	Full	0.2	25	1.15	200	-40~+90			CI1805T1880P200SF-1
1920~1990	Full	0.2	25	1.15	200	-40~+90			CI1920T1990P200SF-1
2110~2180	Full	0.2	25	1.15	200	-40~+90			CI2110T2180P200SF-1
1700~2200	Full	0.4	20	1.25	200	-40~+90			CI1700T2200P200SF-1
2300~2700	Full	0.3	20	1.25	200	-55~+95			CI2300T2700P200SF-1
2700~3100	Full	0.3	20	1.25	200	-55~+95			CI2700T3100P200SF-1
3000~6500	300	0.3	23	1.2	100	-55~+95			CI3000T3300P100SF-1
3000~6500	600	0.4	20	1.25	100	-55~+95			CI3000T3600P100SF-1
3000~6500	1000	0.5	20	1.25	100	-55~+95			CI3000T6500P100SF-1
3300~3800	Full	0.3	23	1.2	100	-55~+95			CI3300T3800P100SF-1
4.4~5GHz	Full	0.3	23	1.2	100	-55~+95			CI4400T5000P100SF-1
5~6GHz	Full	0.4	23	1.2	100	-55~+95			CI5000T6000P100SF-1
4.0~8.0GHz	300	0.3	23	1.2	100	-55~+95	16*21*15 Connect to 10W load	SMA	CI4000T4300P100SF-1
4.0~8.0GHz	600	0.3	20	1.25	100	-55~+95			CI4000T4600P100SF-1
4.0~8.0GHz	1000	0.4	20	1.25	100	-55~+95			CI4000T8000P100SF-1
3.7~4.2GHz	Full	0.3	23	1.2	50	-30~+75			CI3700T4200P50SF-1
4.4~6.8GHz	Full	0.5	16	1.4	50	-30~+75			CI4400T6800P50SF-1
5.0~7.0GHz	Full	0.5	20	1.25	50	-30~+75			CI5000T7000P50SF-1
8~18GHz	300	0.25	25	1.15	50	-55~+95	12*20*13	SMA/	CI8000T8300P50SF-1
8~18GHz	600	0.3	23	1.2	50	-55~+95			CI8000T8600P50SF-1
8~18GHz	1000	0.4	20	1.25	30	-55~+95			CI8000T9000P30SF-1
8~18GHz	2000	0.6	18	1.3	30	-55~+95			CI8000T18000P30SF-1
8~10.4GHz	Full	0.5	20	1.25	30	-55~+95			CI8000T10400P30SF-1
9~11GHz	Full	0.4	20	1.25	30	-55~+95			CI9000T11000P30SF-1
12~15GHz	Full	0.5	20	1.25	30	-55~+95			CI12000T15000P30SF-1
16~18GHz	Full	0.4	20	1.25	30	-55~+95			CI16000T18000P30SF-1
18~40GHz	500	0.3	23	1.2	10	-55~+95	13*18*12.7	2.92mm	CI18000T18500P10SF-1
18~40GHz	1000	0.4	20	1.25	10	-55~+95			CI18000T19000P10SF-1
18~40GHz	2000	0.5	20	1.25	10	-55~+95			CI18000T20000P10SF-1
18~22GHz	Full	0.6	20	1.25	10	-55~+95			CI18000T22000P10SF-1

24~30GHz	Full	1	17	1.45	10	-30~+75			CI24000T30000P10SF-1
30~40GHz	Full	1.2	16	1.45	10	-55~+95			CI30000T40000P10KF-1

Board Band Coaxial Isolator From 800MHz to 40GHz

Frequency Range(GHz)	Band Width (MHz)	Insertion Loss (dB Max)	Isolation (dB Min)	VSWR(Max)	Forward power(W)	Operating Temperature	Size L*W*H (mm)	Connector Type	Part Number
0.80~0.12	Full	0.8	18	1.3	100	0~+60	64*66*22	SMA/N	BCI800T120P100SF-1
0.13~0.18	Full	0.8	18	1.3	100	0~+60			BCI130T180P100SF-1
0.225~0.40	Full	0.8	18	1.3	100	0~+60			BCI225T400P100SF-1
0.48~0.86	Full	0.7	15	1.45	200	0~+60	52*57.5*20	SMA/N	BCI480T860P200SF-1
0.70~1.0	Full	0.5	20	1.25	300	-30~+75			BCI700T1000P300SF-1
0.95~1.45	Full	0.5	18	1.3	300	-30~+75			BCI950T1450P300SF-1
1.0~2.0	Full	0.7	16	1.4	100	0~+60	64*66*26	SMA/N	BCI1000T2000P100SF-1
1.5~2.5	Full	0.7	17	1.35	100	-30~+60	45*45*19	SMA/N	BCI1500T2500P100SF-1
2.0~4.0	Full	0.6	18	1.35	100	0~+60	32*34*21	SMA/N	BCI2000T4000P100SF-1
2.0~6.0	Full	0.8	15	1.5	100	0~+60	30.5*30.5*15	SMA	BCI2000T6000P100SF-1
3.0~6.0	Full	0.5	18	1.3	50	-30~+75	25.4*28.5*20	SMA/N	BCI3000T6000P50SF-1
4.0~8.0	Full	0.5	18	1.3	50	-30~+75	20*26*14	SMA	BCI4000T8000P50SF-1
5.0~10.0	Full	0.5	18	1.3	50	-30~+75			BCI5000T10000P50SF-1
6.0~12.0	Full	0.6	16	1.4	50	-30~+75	16*21*13	SMA	BCI6000T12000P50SF-1
6.0~18.0	Full	1.5	11	1.9	30	-30~+75	19*20.3*14	SMA	BCI6000T18000P30SF-1
8.0~12.0	Full	0.5	20	1.25	30	-55~+85	15*19*13	SMA	BCI8000T12000P30SF-1
10.0~15.0	Full	0.5	20	1.25	30	-55~+85			BCI10000T15000P30SF-1
12.0~18.0	Full	0.5	20	1.25	30	-55~+85			BCI12000T18000P30SF-1
8.0~18.0	Full	0.8	14	1.5	30	-55~+85	19*20.3*14	SMA	BCI8000T18000P30SF-1
18.0~26.5	Full	0.8	16	1.45	10	-55~+85	13*18*12.7	2.92mm	BCI18000T26500P10KF-1
26.5~40.0	Full	1.5	14	1.6	10	-55~+85			BCI26500T40000P10KF-1

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Drop in Isolator from 40MHz to 40GHz

Frequency Range (MHz)	Band Width (MHz)	Insertion Loss(dB Max)	Isolation (dB Min)	VSWR (Max)	Forford Power(W)	Reverse Power(W)	Temp. (°C)	L*W*H (mm)	Connect or Type	Part Number Data Sheet
130~180	5	0.4	25	1.15	300	300	0~+60	50.8*62*13	TAB	DI130T135P300-1
130~180	10	0.5	20	1.25	300	300	-30~+60			DI130T140P300-1
136~174	Full	0.8	16	1.4	200	300	-30~+60			DI136T174P200-1
190~220	Full	0.5	20	1.25	300	300	-30~+75			DI190T220P300-1
223~235	Full	0.3	20	1.25	400	300	-30~+75			DI223T235P400-1
470~700	Full	0.5	16	1.4	400	300	-30~+75			DI470T700P400-1
600~800	Full	0.3	20	1.25	400	300	-30~+75			DI600T800P400-1
960~1225	Full	0.3	20	1.25	800	300	-55~+95			DI960T1225P800-1
200~300	10	0.5	20	1.25	300	250	-30~+75	42*52*11.5	TAB	DI200T210P300-1
320~360	Full	0.3	20	1.25	300	250	-40~+90			DI320T360P300-1
350~370	Full	0.25	25	1.15	300	250	-40~+90			DI350T370P300-1
400~480	Full	0.3	20	1.25	300	250	-40~+90			DI400T480P300-1
500~700	Full	0.5	18	1.3	300	250	-30~+75			DI500T700P300-1
615~960	Full	0.6	16	1.4	300	250	-30~+75			DI615T960P300-1
300~500	50	0.3	20	1.25	200	250	-30~+75	35*46*13	TAB	DI300T350P200-1
370~410	Full	0.4	20	1.25	200	250	-30~+75			DI370T410P200-1
410~470	Full	0.4	20	1.25	200	250	-30~+75			DI410T470P200-1
600~800	Full	0.6	18	1.3	300	250	-30~+75			DI600T800P300-1
960~1225	Full	0.3	20	1.25	300	250	-55~+90			DI960T1225P300-1
1350~1850	Full	0.5	20	1.25	300	250	-55~+90			DI1350T1850P300-1
1800~2200	Full	0.3	20	1.25	300	250	-55~+90			DI1800T2200P300-1
300~600	10	0.5	20	1.25	50	250	-30~+60	35*46*13	TAB	DI300T310P50-1
223~235	Full	0.5	17	1.4	50	250	0~+60			DI223T235P50-1
700~2700	100	0.3	23	1.2	200	250	-40~+90			DI700T800P200-1

758~803	Full	0.2	25	1.15	200	250	-40~+90			DI758T803P200-1
825~960	Full	0.3	20	1.25	200	250	-40~+90			DI825T960P200-1
960~1215	Full	0.4	20	1.25	200	250	-55~+95			DI960T1215P200-1
1700~2200	Full	0.4	20	1.25	200	250	-55~+95			DI1700T2200P200-1
1805~1880	Full	0.2	25	1.15	200	250	-40~+90			DI1805T1880P200-1
1920~1990	Full	0.2	25	1.15	200	250	-40~+90			DI1920T1990P200-1
2110~2180	Full	0.2	25	1.15	200	250	-40~+90			DI2110T2180P200-1
2300~2700	Full	0.3	20	1.25	200	250	-55~+95			DI2300T2700P200-1
350~600	10	0.5	20	1.25	50	150	0~+60	35*46*13	TAB	DI350T360P50-1
700~1000	50	0.5	20	1.25	100	150	-30~+75			DI700T750P100-1
890~960	Full	0.4	20	1.25	100	150	-30~+75			DI890T960P100-1
990~1130	Full	0.5	18	1.3	100	150	-30~+75			DI990T1130P100-1
1300~2500	70	0.3	23	1.2	100	150	-30~+75			DI1300T1370P100-1
1710~1880	Full	0.3	20	1.25	100	150	-30~+75			DI1710T1880P100-1
1805~2690	Full	0.6	15	1.5	100	150	-30~+75			DI1805T2690P100-1
2500~2700	Full	0.3	23	1.2	100	150	-30~+75			DI2500T2700P100-1
3300~3800	Full	0.4	20	1.25	100	150	-30~+75	35*46*13	TAB	DI3300T3800P100-1
800~1500	20	0.4	20	1.25	50	20	-30~+75			DI800T820P50-1
990~1130	Full	0.6	18	1.3	50	20	-30~+75			DI990T1130P50-1
1600~1630	Full	0.25	25	1.15	100	20	-55~+95			DI1600T1630P100-1
1800~5000	200	0.3	23	1.2	100	20	-30~+75			DI1800T2000P100-1
3700~4200	Full	0.5	20	1.25	50	20	-30~+75			DI3700T4200P50-1
4400~5000	Full	0.5	20	1.25	50	20	-30~+75			DI4400T5000P50-1
5000~8000	600	0.5	20	1.25	50	20	-30~+75			DI5000T5600P50-1
8~18GHz	300	0.3	23	1.2	20	20	-40~+75	8.9*15*7.7	TAB	DI8000T8300P20-1
8~18GHz	1000	0.4	20	1.25	20	20	-40~+75			DI8000T9000P20-1
7.7~8.4GHz	Full	0.4	20	1.25	20	20	-40~+75			DI7700T8400P20-1
9~11GHz	Full	0.5	20	1.25	20	20	-40~+75			DI9000T11000P20-1
14~16GHz	Full	0.5	20	1.25	20	20	-40~+75			DI14000T16000P20-1

18~40GHz	500	0.4	20	1.25	10	10	-40~+75	13*18*12.7	TAB	DI18000T18500P10-1
18~40GHz	1000	0.5	20	1.25	10	10	-40~+75			DI18000T19000P10-1
18~40GHz	2000	0.6	180	1.3	10	10	-40~+75			DI18000T20000P10-1
18~22GHz	Full	0.6	180	1.3	10	10	-40~+75			DI18000T22000P10-1
30~36GHz	Full	0.8	180	1.3	10	10	-40~+75			DI30000T36000P10-1

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Surface Mount Isolator from 40MHz to 40GHz

Frequency Range(MHz)	Band Width(MHz)	Insertion Loss(dB Max)	Isolation (dB Min)	VSWR (Max)	Forford Power(W)	Reverse Power(W)	Temp. (°C)	Size L*W*H(mm)	Connector Type	Part Number Data Sheet
200~400	10	0.3	23	1.2	300	250	-30~+75	Φ31.8*+9.5	SMT	SI200T210P300D31-1
400~480	Full	0.4	20	1.25	300	250	-30~+75			SI400T480P300D31-1
500~600	Full	0.4	20	1.25	300	250	-30~+75			SI500T600P300D31-1
600~800	Full	0.5	18	1.3	300	250	-30~+75			SI600T800P300D31-1
800~1000	Full	0.4	20	1.25	300	250	-30~+75			SI800T1000P300D31-1
600~1300	50	0.3	23	1.2	200	250	-30~+75	Φ23*7.7	SMT	SI600T650P200D23-1
758~821	Full	0.25	25	1.15	250	250	-40~+125			SI758T821P250D23-1
925~960	Full	0.2	25	1.15	250	250	-40~+125			SI925T960P250D23-1
960~1215	Full	0.5	20	1.25	250	250	-55~+85			SI960T1215P250D23-1
1310~1510	Full	0.3	23	1.18	250	250	-40~+125			SI1310T1510P250D23-1
1805~1880	Full	0.2	25	1.15	250	250	-40~+125			SI1805T1880P250D23-1
1930~1990	Full	0.2	25	1.15	250	250	-40~+125			SI1930T1990P250D23-1
2110~2180	Full	0.2	25	1.15	250	250	-40~+125			SI2110T2180P250D23-1
1805~2170	Full	0.35	20	1.18	250	250	-40~+125			SI1805T2170P250D23-1
2000~5500	100	0.25	23	1.2	100	150	-40~+125	Φ18*7.5	SMT	SI2000T2100P100D18-1
1805~1880	Full	0.22	25	1.15	200	150	-40~+125			SI1805T1880P200D18-1
1930~1990	Full	0.22	25	1.15	200	150	-40~+125			SI1930T1990P200D18-1

2110~2180	Full	0.22	25	1.15	200	150	-40~+125			SI2110T2180P200D18-1
2496~2690	Full	0.25	20	1.18	200	150	-40~+125			SI2496T2690P200D18-1
3400~3600	Full	0.2	20	1.18	200	150	-40~+125			SI3400T3600P200D18-1
1800~2300	30	0.3	23	1.2	30	10	-40~+95	Φ10*6.8	SMT	SI1800T1830P30D10-1
2300~6000	100	0.3	23	1.2	30	10	-40~+95			SI2300T2400P30D10-1
2496~2690	Full	0.3	20	1.18	30	10	-40~+125			SI2496T2690P30D10-1
3400~3600	Full	0.25	20	1.18	30	10	-40~+125			SI3400T3600P30D10-1
3300~3800	Full	0.5	20	1.25	30	10	-40~+125			SI3300T3800P30D10-1
4700~5000	Full	0.3	20	1.18	30	10	-40~+125			SI4700T5000P30D10-1
5200~5900	Full	0.5	20	1.25	30	10	-40~+95			SI5200T5900P30D10-1

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Microstrip Isolator from 3GHz to 43GHz

Frequency Range(MHz)	Band Width(MHz)	Insertion Loss(dB Max)	Isolation (dB Min)	VSWR (Max)	Forford Power(W)	Temp. (°C)	Size L*W*H(mm)	Connector Type	Part Number Data Sheet
3.0~4.5	50	0.35	23	1.2	10	-55~+95	14*16*5	Microstrip	MI30T305P10L16-1
3.0~4.5	200	0.4	20	1.25	10	-55~+95		Microstrip	MI30T32P10L16-1
3.0~4.5	500	0.5	20	1.25	10	-55~+95		Microstrip	MI30T35P10L16-1
4.0~5.5	50	0.35	23	1.2	10	-55~+95	12*14*5	Microstrip	MI40T405P10L14-1
4.0~5.5	200	0.4	20	1.25	10	-55~+95		Microstrip	MI40T42P10L14-1
4.0~5.5	600	0.5	20	1.25	10	-55~+95		Microstrip	MI40T46P10L14-1
5.5~8.5	100	0.35	23	1.2	10	-55~+95	12.7*12.7*6	Microstrip	MI55T56P10L12-1
5.5~8.5	400	0.4	20	1.25	10	-55~+95		Microstrip	MI55T59P10L12-1
5.8~6.5	Full	0.4	20	1.25	10	-55~+95		Microstrip	MI58T65P10L12-1
6.4~7.4	Full	0.4	20	1.25	10	-55~+95		Microstrip	MI64T74P10L12-1
7.4~8.4	Full	0.4	20	1.25	10	-55~+95		Microstrip	MI74T84P10L12-1
8.0~13	200	0.35	23	1.2	5	-55~+95	9*10*5	Microstrip	MI80T82P5L10-1
8.0~13	400	0.4	20	1.25	5	-55~+95		Microstrip	MI80T84P5L10-1

8.0~13	800	0.5	20	1.25	5	-55~+95	6*7.5*4.5	Microstrip	MI80T88P5L10-1
12~22	200	0.35	23	1.2	5	-55~+95		Microstrip	MI120T122P5L7-1
12~22	500	0.4	20	1.25	5	-55~+95		Microstrip	MI120T125P5L7-1
12~22	1000	0.5	20	1.25	5	-55~+95		Microstrip	MI120T130P5L7-1

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Waveguide Isolator from 3GHz to 95GHz

Frequency Range(MHz)	Band Width(MHz)	Insertion Loss(dB Max)	Isolation (dB Min)	VSWR (Max)	Forford Power(W)	Temp. (°C)	Connector Type	Part Number Data Sheet
6.57-9.99	0.5	0.3	23	1.2	100	-55~+85	WR112	WI6.57T7.07P100WR112
6.57-9.99	1	0.4	20	1.25	100	-55~+85	WR112	WI6.57T7.57P100WR112
8.2-12.5	1	0.3	23	1.2	80	-55~+85	WR90	WI8.2T9.2P80WR90
8.2-12.5	2	0.4	20	1.25	80	-55~+85	WR90	WI8.2T10.2P80WR90
8.6-9.6	Full	0.3	23	1.2	80	-55~+85	WR90	WI8.6T9.6P80WR90
10.1-10.7	Full	0.3	20	1.2	50	-55~+85	WR75	WI10.1T10.7P50WR75
10.7-11.2	Full	0.3	20	1.2	50	-55~+85	WR75	WI10.7T11.2P50WR75
11.2-11.7	Full	0.3	20	1.2	50	-55~+85	WR75	WI11.2T11.7P50WR75
12.7-13.3	Full	0.3	20	1.2	50	-55~+85	WR75	WI12.7T13.3P50WR75
9.84-15	1	0.3	23	1.2	50	-55~+85	WR75	WI9.84T10.84P50WR75
9.84-15	2	0.4	20	1.25	50	-55~+85	WR75	WI9.84T11.84P50WR75
10.7-12.7	Full	0.4	20	1.22	30	-55~+85	WR75	WI10.7T12.7P50WR75
11.9-18	0.5	0.3	23	1.18	30	-55~+85	WR62	WI11.9T12.4P30WR62
11.9-18	1	0.4	20	1.2	30	-55~+85	WR62	WI11.9T12.9P30WR62
14.3-15.45	Full	0.4	20	1.2	30	-55~+85	WR62	WI14.3T15.45P30WR62
14.5-22	1	0.3	23	1.2	30	-55~+85	WR51	WI14.5T15.5P30WR51
14.5-22	2	0.4	20	1.25	30	-55~+85	WR51	WI14.5T16.5P30WR51
17-18	Full	0.3	23	1.2	30	-55~+85	WR51	WI17T18P30WR51
17.6-26.7	1	0.3	23	1.2	30	-55~+85	WR51	WI17.6T18.6P30WR51

17.6-26.7	2	0.4	20	1.22	20	-55~+85	WR42	WI17.6T19.6P20WR42
21.2-23.6	Full	0.4	20	1.2	20	-55~+85	WR42	WI21.2T23.6P20WR42
24.5-26.765	Full	0.4	20	1.2	20	-55~+85	WR42	WI24.5T26.765P20WR42
21.7-33	1	0.3	23	1.2	10	-55~+85	WR34	WI21.7T22.7P10WR34
21.7-33	2	0.4	20	1.2	10	-55~+85	WR34	WI21.7T23.7P10WR34
27.5-29.5	Full	0.4	20	1.2	10	-55~+85	WR34	WI27.5T29.5P10WR34
26.3-40	3	0.4	20	1.25	10	-55~+85	WR28	WI26.3T29.3P10WR28
31.8-33.4	Full	0.4	20	1.22	10	-55~+85	WR28	WI31.8T33.4P10WR28

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RF POWER DIVIDERS

2 Way Power Divider from 10MHz to 50GHz

Frequency Range(MHz)	Number of Branch	Insertion Loss (dB Max)	VSWR (Max)	Isolation (dB Min)	Amplitude Balance ($\pm$ dB Max)	Phase Balance ($\pm^\circ$ Max)	Power (W)	Connector	Part Number
950-2150	2	0.4	1.35	19.5	0.2	2	20	SMA-Female	PD2xxxTxxxSF
850-1400	2	0.5	1.3	20	0.2	3	400	N-Female	PD2xxxTxxxNF
80-1000	2	1.8	1.8	14	0.6	8	1	SMA-Female	PD2xxxTxxxSF
800-4200	2	0.9	1.5	18	0.3	5	50	SMA-Female	PD2xxxTxxxSF

800-2500	2	0.5	1.4	20	0.3	4	20	SMA-Female	PD2xxxTxxxSF
800-2500	2	0.2	1.3	-	-	-	300	N-Female	PD2xxxTxxxNF
800-18000	2	1	1.8	14	0.3	4	20	SMA-Female	PD2xxxTxxxSF
700-1600	2	0.35	1.3	20	0.3	3	30	SMA-Female	PD2xxxTxxxSF
700-12000	2	1.5	1.6	15	0.4	5	10	SMA-Female	PD2xxxTxxxSF
695-6000	2	0.8	1.4	18	0.2	5	20	SMA-Female	PD2xxxTxxxSF
6000-18000	2	0.6	1.4	19	0.3	6	2	2.92-Female	PD2xxxTxxxDF
6000-18000	2	0.8	1.45	18	0.3	7	10	SMA-Female	PD2xxxTxxxSF
6000-18000	2	0.7	1.5	15	0.2	5	20	SMA-Female	PD2xxxTxxxSF
500-8008	2	1.5	1.45	18	0.2	3	30	SMA-Female	PD2xxxTxxxSF
500-6000	2	0.9	1.4	18	0.2	3	30	SMA-Female	PD2xxxTxxxSF
500-6000	2	0.8	1.4	18	0.2	3	30	SMA-Female	PD2xxxTxxxSF
500-2500	2	0.45	1.3	20	0.2	2	30	SMA-Female	PD2xxxTxxxSF
500-2000	2	0.5	1.25	20	0.2	2	30	SMA-Female	PD2xxxTxxxSF
500-1000	2	0.3	1.2	22	0.2	2	40	SMA-Female	PD2xxxTxxxSF
5000-12000	2	0.5	1.3	16	0.2	3	10	2.92-Female	PD2xxxTxxxDF
400-3900	2	1.2	1.4	16	0.3	3	30	SMA-Female	PD2xxxTxxxSF
400-1000	2	0.5	1.25	15	0.2	5	200	SMA-Female	PD2xxxTxxxSF
4000-8000	2	0.8	1.4	18	0.3	4	30	N-Female	PD2xxxTxxxNF
4000-8000	2	0.5	1.25	20	0.3	3	50	SMA-Female	PD2xxxTxxxSF
300-2000	2	1	1.3	20	0.3	5	30	SMA-Female	PD2xxxTxxxSF
3000-6000	2	0.6	1.3	20	0.3	4	30	SMA-Female	PD2xxxTxxxSF
3000-4800	2	0.4	1.2	20	0.35	5	2	2.92-Female	PD2xxxTxxxDF
3000-3500	2	0.35	1.25	20	0.2	2	30	SMA-Female	PD2xxxTxxxSF
27500-31000	2	1	1.5	15	0.4	5	15	2.92-Female	PD2xxxTxxxDF
26500-40000	2	1.5	1.2	15	0.5	10	20	2.92-Female	PD2xxxTxxxDF
2215-2675	2	0.3	1.25	20	0.2	2	30	SMA-Female	PD2xxxTxxxSF
22000-27000	2	0.8	1.5	18	0.4	8	20	2.92-Female	PD2xxxTxxxDF
22000-23000	2	0.8	1.6	18	1.6	0.2	20	SMA-Female	PD2xxxTxxxSF
20-100	2	0.4	1	18	0.2	3	1	SMA-Female	PD2xxxTxxxSF
200-2000	2	1.2	1.4	16	0.3	4	50	N-Female	PD2xxxTxxxNF

200-1000	2	0.7	1.45	14	0.3	3	250	SMA-Female	PD2xxxTxxxSF
2000-8000	2	0.6	1.3	20	0.3	4	30	SMA-Female	PD2xxxTxxxSF
2000-4000	2	0.35	1.25	20	0.2	2	30	SMA-Female	PD2xxxTxxxSF
2000-2500	2	0.5	1.3	20	0.3	3	30	SMA-Female	PD2xxxTxxxSF
2000-20000	2	1.8	1.7	14	0.3	5	1	2.92-Female	PD2xxxTxxxDF
2000-18000	2	1	1.4	18	0.2	3	30	SMA-Female	PD2xxxTxxxSF
2000-18000	2	1.2	1.4	16	0.3	5	10	SMA-Female	PD2xxxTxxxSF
1805-2170	2	0.3	1.3	18	0.2	5	2000	1-5/8-Female; L29-Female	PD2xxxTxxx?F
1800-2200	2	0.3	1.3	18	0.2	5	8000	L29-J; L29-Female	PD2xxxTxxxSF
18000-50000	2	2.5	2	12	1	10	2	2.4-Female	PD2xxxTxxx24F
18000-40000	2	1.5	1.6	16	0.3	5	20	2.92-Female	PD2xxxTxxxDF
18000-26500	2	0.8	1.5	18	0.4	8	30	2.92-Female	PD2xxxTxxxDF
17700-21200	2	1	1.5	17	0.4	5	2	2.92-Female	PD2xxxTxxxDF
14000-16000	2	1.2	1.5	17	0.25	5	10	SMA-Female;SMP-J	PD2xxxTxxxSF
12000-18000	2	0.6	1.5	16	0.4	5	10	SMA-Female	PD2xxxTxxxSF
10-750	2	1.2	1.5	15	0.4	3	1	SMA-Female	PD2xxxTxxxSF
1000-2700	2	0.5	1.2	20	0.3	5	20	2.92-Female	PD2xxxTxxxDF
1000-2000	2	0.35	1.2	20	0.2	2	30	SMA-Female	PD2xxxTxxxSF
1000-18000	2	2	1.6	16	0.3	6	10	SMA-Female	PD2xxxTxxxSF
1000-12000	2	1	1.8	8	0.4	5	10	SMA-Female	PD2xxxTxxxSF
10000-26500	2	1	1.5	18	0.3	5	20	SMA-Female	PD2xxxTxxxSF

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3 Way Power Divider from 10MHz to 50GHz

Frequency Range(MHz)	Number of Branch	Insertion Loss (dB Max)	VSWR (Max)	Isolation (dB Min)	Amplitude Balance ($\pm$ dB Max)	Phase Balance ($\pm^\circ$ Max)	Power (W)	Connector	Part Number
2000~8000	3	1.3	1.4	18	0.8	5	10	SMA, N	3PDxxxTxxxSF
1000~2000	3	0.7	1.3	18	—	3	50	SMA, N	3PDxxxTxxxSF
2000~2500	3	1.3	1.3	22	0.4	5	30	SMA, N	3PDxxxTxxxSF
2200~2600	3	0.5	1.3	18	0.3	5	20	SMA, N	3PDxxxTxxxSF
2000~4000	3	0.5	1.3	18	0.3	5	—	SMA, N	3PDxxxTxxxSF
4000~8000	3	0.9	1.4	18	0.4	5	50	SMA, N	3PDxxxTxxxSF
800~2500	3	0.8	1.6	15	0.5	8	30	SMA, N	3PDxxxTxxxSF
6000~18000	3	1.2	1.6	18	0.6	—	—	SMA, N	3PDxxxTxxxSF
2250~2400	3	0.45	1.5	18	—	2	—	SMA, N	3PDxxxTxxxSF
1000~4000	3	1	1.4	18	0.5	3	1	SMA, N	3PDxxxTxxxSF
1200~1600	3	0.6	1.6	15	0.5	6	10	SMA, N	3PDxxxTxxxSF

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4 Way Power Divider from 10MHz to 50GHz

Frequency Range(MHz)	Number of Branch	Insertion Loss (dB Max)	VSWR (Max)	Isolation (dB Min)	Amplitude Balance ($\pm$ dB Max)	Phase Balance ($\pm^\circ$ Max)	Power (W)	Connector	Part Number
0.01~40	4	0.4	2	20	0.15	3	500	SMA, N	4PDxxxTxxxSF
1000~2000	4	0.6	1.3	20	0.3	3	30	SMA, N	4PDxxxTxxxSF
1000~8000	4	1.2	1.5	18	0.4	8	10	SMA, N	4PDxxxTxxxSF
1000~18000	4	2.9	1.7	14	0.5	8	4	SMA, N	4PDxxxTxxxSF
1130~1250	4	0.5	1.35	18	0.3	5	800	SMA, N	4PDxxxTxxxSF
12000~18000	4	1.3	1.6	16	0.3	5	30	SMA, N	4PDxxxTxxxSF
1200~1600	4	3	2	18	0.2	3	1	SMA, N	4PDxxxTxxxSF

1700~3600	4	0.6	1.3	—	0.3	3	70	SMA, N	4PDxxxTxxxSF
1805~1880	4	0.6	1.3	18	0.15	3	600	SMA, N	4PDxxxTxxxSF
2000~18000	4	2.4	1.7	1.6	0.6	8	10	SMA, N	4PDxxxTxxxSF
2000~8000	4	1.2	1.4	17	0.4	5	30	SMA, N	4PDxxxTxxxSF
2000-18000	4	1.8	1.5	18	0.8	10	10	SMA, N	4PDxxxTxxxSF
20-1000	4	0.6	1.4	18	0.2	6	2	SMA, N	4PDxxxTxxxSF
225~1000	4	1	1.5	10	0.3	5	10	SMA, N	4PDxxxTxxxSF
2430-2470	4	0.5	1.25	20	0.3	3	100	SMA, N	4PDxxxTxxxSF
3000~3200	4	1	1.4	18	0.3	5	25	SMA, N	4PDxxxTxxxSF
3000~3500	4	0.6	1.3	20	0.2	2	30	SMA, N	4PDxxxTxxxSF
3000~6000	4	1.2	1.4	17	0.4	5	50	SMA, N	4PDxxxTxxxSF
3000-3500	4	0.6	1.3	20	0.2	2	30	SMA, N	4PDxxxTxxxSF
400~1000	4	0.6	1.3	10	0.2	5	100	SMA, N	4PDxxxTxxxSF
400~1000	4	0.7	1.5	5	0.2	5	1500	SMA, N	4PDxxxTxxxSF
400-1000	4	0.6	1.3	10	0.2	5	100	SMA, N	4PDxxxTxxxSF
4700~10700	4	1.5	1.55	18	1.5	5	10	SMA, N	4PDxxxTxxxSF
4800~5000	4	0.8	1.3	—	0.3	3	70	SMA, N	4PDxxxTxxxSF
500~1000	4	0.6	1.25	22	0.3	2	30	SMA, N	4PDxxxTxxxSF
500~2000	4	0.9	1.5	14	0.6	5	80	SMA, N	4PDxxxTxxxSF
500~2000	4	0.75	1.3	18	0.3	4	100	SMA, N	4PDxxxTxxxSF
500~3000	4	1	1.5	16	0.3	4	50	SMA, N	4PDxxxTxxxSF
500~6000	4	1.8	1.6	16	0.3	4	10	SMA, N	4PDxxxTxxxSF
5000-6000	4	0.5	1.2	20	0.3	3	60	SMA, N	4PDxxxTxxxSF
500-2000	4	0.75	1.3	18	0.3	4	100	SMA, N	4PDxxxTxxxSF
500-2000	4	1	1.3	20	0.3	3	10	SMA, N	4PDxxxTxxxSF
5200~5800	4	0.4	1.3	20	0.2	3	30	SMA, N	4PDxxxTxxxSF
5800-5900	4	1	1.5	18	0.4	4	12	SMA, N	4PDxxxTxxxSF
5900~8000	4	0.8	1.4	18	0.5	5	150	SMA, N	4PDxxxTxxxSF
5900-8000	4	0.8	1.4	18	0.5	5	150	SMA, N	4PDxxxTxxxSF
600~6000	4	1.2	1.4	16	0.3	4	30	SMA, N	4PDxxxTxxxSF
6000~12000	4	1.1	1.5	16	0.3	5	30	SMA, N	4PDxxxTxxxSF

6000~18000	4	1.3	1.6	18	0.5	5	30	SMA, N	4PDxxxTxxxSF
6000~18000	4	1.3	1.6	18	0.5	8	30	SMA, N	4PDxxxTxxxSF
6000~18000	4	1.3	1.5	18	0.5	5	30	SMA, N	4PDxxxTxxxSF
800~2500	4	0.7	1.3	20	0.3	4	30	SMA, N	4PDxxxTxxxSF
800~4200	4	1.2	1.4	16	0.3	4	20	SMA, N	4PDxxxTxxxSF
800~4200	4	1.2	1.2	18	0.3	5	50	SMA, N	4PDxxxTxxxSF
8000~12000	4	1.6	1.6	18	0.3	4	30	SMA, N	4PDxxxTxxxSF
900~2700	4	0.7	1.5	15	0.5	5	100	SMA, N	4PDxxxTxxxSF
950~1250	4	0.5	1.2	20	0.3	3	40	SMA, N	4PDxxxTxxxSF
1000~4000	4	0.8	1.3	20	0.3	4	30	SMA, N	4PDxxxTxxxSF
1000~4000	4	0.9	1.5	15	0.7	5	100	SMA, N	4PDxxxTxxxSF
18000~40000	4	2.5	2.2	15	0.5	8	20	2.92mm	4PDxxxTxxxSF
2000~4000	4	0.7	1.3	18	0.2	4	100	SMA, N	4PDxxxTxxxSF
2000~4000	4	0.6	1.3	20	0.3	3	30	SMA, N	4PDxxxTxxxSF
2000~4000	4	0.7	1.5	15	0.5	5	100	SMA, N	4PDxxxTxxxSF
5000~40000	4	3.8	2	14	1	8	10	2.92mm	4PDxxxTxxxSF
600~4000	4	1.2	1.3	16	0.3	4	30	SMA, N	4PDxxxTxxxSF
800~4000	4	0.8	1.4	18	0.4	5	100	SMA, N	4PDxxxTxxxSF

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8 Way Power Divider from 10MHz to 50GHz

Frequency Range(MHz)	Number of Branch	Insertion Loss (dB Max)	VSWR (Max)	Isolation (dB Min)	Amplitude Balance (±dB Max)	Phase Balance (±° Max)	Power (W)	Connector	Part Number
1000~2000	8	0.7	1.3	20	0.2	3	30	SMA, N	8PDxxxTxxxSF
1000~2500	8	0.9	1.5	16	0.3	5	200	SMA, N	8PDxxxTxxxSF
1000~4000	8	1	1.4	18	0.5	3	30	SMA, N	8PDxxxTxxxSF
1000~4000	8	1.5	1.5	18	0.5	3	30	SMA, N	8PDxxxTxxxSF
11000~12500	8	1.8	1.5	18	0.3	5	30	SMA, N	8PDxxxTxxxSF

12000~18000	8	1.6	1.7	15	0.4	5	30	SMA, N	8PDxxxTxxxSF
1270~1460	8	0.5	1.5	14	0.2	3	800	SMA, N	8PDxxxTxxxSF
1805~1880	8	0.9	1.4	18	0.2	4	200	SMA, N	8PDxxxTxxxSF
2000~18000	8	3.4	1.8	16	0.7	9	30	SMA, N	8PDxxxTxxxSF
2000~4000	8	0.7	1.3	20	0.2	3	30	SMA, N	8PDxxxTxxxSF
2000~4000	8	0.9	1.5	18	0.3	5	160	SMA, N	8PDxxxTxxxSF
2000~8000	8	1.5	1.5	18	0.5	5	30	SMA, N	8PDxxxTxxxSF
3500~4500	8	1.2	1.5	22	0.3	5	30	SMA, N	8PDxxxTxxxSF
380~480	8	0.7	1.35	18	0.3	5	20	SMA, N	8PDxxxTxxxSF
400~800	8	0.8	1.4	18	0.5	3	30	SMA, N	8PDxxxTxxxSF
4000~8000	8	1	1.4	20	0.2	3	30	SMA, N	8PDxxxTxxxSF
500~2000	8	1.5	1.4	20	0.4	4	30	SMA, N	8PDxxxTxxxSF
500~6000	8	2.8	1.6	16	0.3	8	30	SMA, N	8PDxxxTxxxSF
5800~6500	8	0.9	1.5	18	0.3	5	100	SMA, N	8PDxxxTxxxSF
600~6000	8	2.8	1.6	16	0.3	8	30	SMA, N	8PDxxxTxxxSF
6000~18000	8	1.8	1.75	17	0.5	5	300	SMA, N	8PDxxxTxxxSF
6000~6500	8	1	1.5	17	0.5	5	150	SMA, N	8PDxxxTxxxSF
70~500	8	1	1.7	12	0.2	3	150	SMA, N	8PDxxxTxxxSF
7130~7245	8	0.9	1.5	18	0.3	5	100	SMA, N	8PDxxxTxxxSF
800~2500	8	1.2	1.4	20	0.5	4	30	SMA, N	8PDxxxTxxxSF
870~1005	8	0.6	1.3	18	0.2	3	300	SMA, N	8PDxxxTxxxSF
9000~10000	8	1.8	1.5	18	0.3	5	30	SMA, N	8PDxxxTxxxSF
9000~10000	8	11	1.4	16	1	10	10	SMA, N	8PDxxxTxxxSF
950~4000	8	2	1.6	18	0.3	3	30	SMA, N	8PDxxxTxxxSF

RF ATTENUATORS

Frequency range(GHz)	Attenuation Values (db)	VSWR	Power(W)	Size mm	Connector Type	Part Number Data Sheet
DC-3	1-10,20,30,40	≤ 1.3	2	$\varnothing 20 \times 82$	BNC/N/SMA	CARB3G2W-XX
DC-3	1-10,20,30,40	≤ 1.3	5	$\varnothing 20 \times 82$	SMA/N	CARS3G5W-XX
DC-6	1-10,20,30,40	≤ 1.3	10	$\varnothing 38 \times 95$	SMA/N	CARS6G10W-XX
DC-6	1-10,20,30,40	≤ 1.3	25	$\varnothing 38 \times 95$	SMA/N	CARS6G25W-XX
DC-6	1-10,20,30,40	≤ 1.3	50	$\varnothing 45 \times 124$	SMA/N	CARS6G50W-XX
DC-6	1-10,20,30,40	≤ 1.3	100	$\varnothing 45 \times 167$	SMA/N	CARS6G100W-XX
DC-4	10,20,30,40	≤ 1.5	300	353*140*132	N,7/16	CASN4G300W-XX
DC-4	1-10,20,30,40	≤ 1.5	500	437*140*132	TNC	CAST4G500W-XX
DC-12.4	10,20,30,40	≤ 1.40	100	$\varnothing 45 \times 253\text{mm}$	N	CASN124G100W-XX
DC-18	10,20,30,40	≤ 1.35	50	$\varnothing 38 \times 124\text{mm}$	N	CASN18G50W-XX
DC-18	10,20,30,40	≤ 1.55	250	415*80*80	TNC/N	CASN18G250W-XX

DC-18	10,20,30,40	≤ 1.55	500	688*120*110	N	CASN18G500W-XX
DC-26.5	1-10,20,30,40	≤ 1.35	30	$\varnothing 38 \times 71\text{mm}$	SMA	CASN265G30W-X
DC-40	1-10,20,30,40	≤ 1.35	1	$\varnothing 8 \times 29$	2.4mm	CARS40G1W-XX
DC-40	1-10,20,30,40	≤ 1.35	5	$\varnothing 38 \times 47.6$	2.4mm	CARS40G5W-XX
DC-40	1-10,20,30,40	≤ 1.40	10	$\varnothing 38 \times 47.6$	2.4mm	CARS40G10W-XX
DC-40	1-10,20,30,40	≤ 1.40	20	$\varnothing 45 \times 96$	2.92mm	CARS40G20W-XX
DC-40	1-10,20,30,40	≤ 1.40	30	$\varnothing 45 \times 113$	2.92mm	CARS40G30W-XX
DC-40	20,30,40	≤ 1.60	50	$\varnothing 45 \times 145$	2.92mm	CARS40G50W-XX

RF TERMINATIONS

Frequency range(GHz)	VSWR	Power Rating(W)	Size(mm)	Connector Type	Part Number
DC-3	≤1.05	1	∅ 9*16	SMA	T1W3GSF
DC-6	≤1.10				T1W6GSF
DC-18	≤1.30				T1W18GSF
DC-3	≤1.10	5	∅ 15.7*24.6	SMA	T5W3GSF
DC-18	≤1.30				T5W18GSF
DC-26.5	≤1.30				T5W26.5GSF
DC-3	≤1.10	10	∅ 16.5*38.7	SMA	T10W3GSF
DC-18	≤1.30				T10W18GSF
DC-26.5	≤1.30				T10W26.5GSF
DC-8	≤1.25	25	∅ 38*70	N/SMA/TNC	T25W8GSF
DC-18	≤1.40				T25W18GSF
DC-4	≤1.15	50	∅ 63*92	N,7/16	T50W4GSF
DC-18	≤1.55				T50W18GSF
DC-4	≤1.15	100	153*76*76	N/SMA	T100W4GSF
DC-18	≤1.55				T100W18GSF
DC-3	≤1.10	200	210*79*79	N,7/16	T200W3GSF
DC-18	≤1.50		215*130*75		T200W18GSF
DC-3	≤1.15	300	280*130*75	N,7/16	T300W3GSF
DC-18	≤1.70		288*128*177		T300W18GSF
DC-3	≤1.15	500	397*130*75	N,7/16	T500W3GSF
DC-10	≤1.55				T500W10GSF

RF DIRECTIONAL COUPLER

Frequency Range (MHz)	Coupling (dB)	VSWR	Connector Type	Insertion Loss(dB)	Power (W)	Size(L*W*H) mm	Part Number
350-1000	6±0.5	≤1.25	NF	≤0.80	200	148*25*15	DC350T1000P200-XX
	10±0.8						
	15±0.8						
	20±1.0						
	30±1.0						
700-2700	6±0.8	≤1.25	NF	≤0.50	200	120*40*18	DC700T2700P200-XX
	10±1.0						
	15±1.0						
	20±1.0						
	30±1.0						
2000-4000	20±1.5	≤1.25	NF	≤0.40	500	138*72*28	DC2GT4GP500-XX
	30±0.8						
	40±1.0						

2000-4000	50±1.5	≤1.30	NF	≤0.50	500	175*103*70	DC2GT4GP500-50
0.6-3.9G	40±1.5	≤1.20	NF	≤0.60	150	101*59*28.5	DC600T3900P150-40
2-8G	40±1.2	≤1.25	NF	≤0.30	500	∅ 30.5*113.4	DC2GT8GP500-40
2-18G	40±1.2	≤1.50	NF	≤0.80	400	107.6*30*40.9	DC2GT18GP400-40
4-18G	40±1.2	≤1.40	NF	≤0.90	300	∅ 30.5*113.4	DC4GT18GP300-40
6-26.5G	20±0.5	≤1.40	NF	≤0.8	20	31.8*12.7*16	DC6GT265GP20-20
2-40G	10±1.0	≤1.40	NF	≤1.60	20	43*17*11	DC2GT40GP20-20

RF FILTERS



Band Pass Filter-Low frequency from 136MHz to 5800MHz

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB)	Return Loss (dB)	Rejection	Power(W)	Size(L*W*H) mm	Part Number Data Sheet
136-174	1~6	≤1.5	≥18	≥65dBFC±3MHz	20	220*168*138	PF136T142P20L220SF-1
136-174	5	≤1.5	≥18	≥60dBFC±5MHz	300	324*238*138	BPF136T141P300L324SF-1
220-240	1~20	0.6	≥18	≥50dBFC±5MHz	20	303.5*154.5*98	BPF220T240P20L303SF-1
360-520	1~2	≤1.5	≥18	≥50dBFC±3MHz	10	184*124.5*88	BPF360T362P10L184SF-1
360-520	1~4	≤1.8	≥18	≥80dBFC±5MHz	10	223.5*114.5*56	BPF360T364P10L223SF-1
360-520	5	≤0.7	≥20	≥50dBFC±5MHz	500	229*154.5*68	BPF360T365P500L229SF-1
360-520	1~7	≤1.5	≥18	≥65dBFC±3MHz	10	243.5*124.5*68	BPF360T367P10L243SF-1
890-960	70	≤1.3	≥18	≥60dB≥@870-885MHz	100	245.5*191*53	BPF890T960P100L245SF-1
1300-1700	400	≤0.5	≥18	≥33dB@f0±600MHz	100	167*84*36	BPF1300T1700P100L167SF-1
1300-1700	400	≤0.5	≥18	≥50dB@2.6-8.5GHz	100	167*84*36	BPF1300T1700P100L167SF-1
1710-2170	60	≤0.8	≥18	≥50dB@Fc±80MHz	100	92*63*36	BPF1710T1770P100L92SF-1
3400-3600	20	≤1.6dB	≥18	≥80dBFC±20MHz	50	138*72*36	BPF3400T3420P50L138SF-1
5400-5800	400	≤1.0	≥18	≥45dB@Fc±270MHz	1	141*63*39	BPF5400T5800P1L141SF-1

Band Stop Filter-Low frequency from 220MHz to 5500MHz

Reject Band (MHz)	Pass Band (MHz)	Insertion Loss (dB)	Return Loss (dB)	Rejection (dB)	Connector Type	Part Number Data Sheet
220-240	DC-150&310-800	≤5	≥9.5	≥50	N	BSF220T240P20NF
425-450	DC-415&460-1314	≤3	≥9.5	≥50	N	BSF425T450P25NF
769-770	773-869	≤1.5	≥18	≥40	SMA	BSF769T770P1SF
860-861	769-857	≤1.5	≥18	≥40	SMA	BSF860T861P1SF
816-817&861-862	764-813&851-858	≤1.5	≥15	≥40	SMA	BSF816T817P1SF
769-770&799-800	773-775&803-869	≤1.5	≥15	≥40	SMA	BSF769T770P1SF
814-849	400-794&869-3500	≤5	≥9.5	≥50	N	BSF814T849P35NF
770-790	300-760&800-5000	≤2.5	≥20	≥55	N	BSF770T790P20NF
1885-1915	DC-1875&1925-4000	≤2	≥10.8	≥70	N	BSF1885T1915P30NF
3300-3400	DC-3300&3700-6000	≤3	≥9.5	≥60	SMA	BSF3300T3400P100SF
5420-5580	300-5030&5430-15000	≤2.5	≥9.5	≥55	N	BSF5420T5580P160NF

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