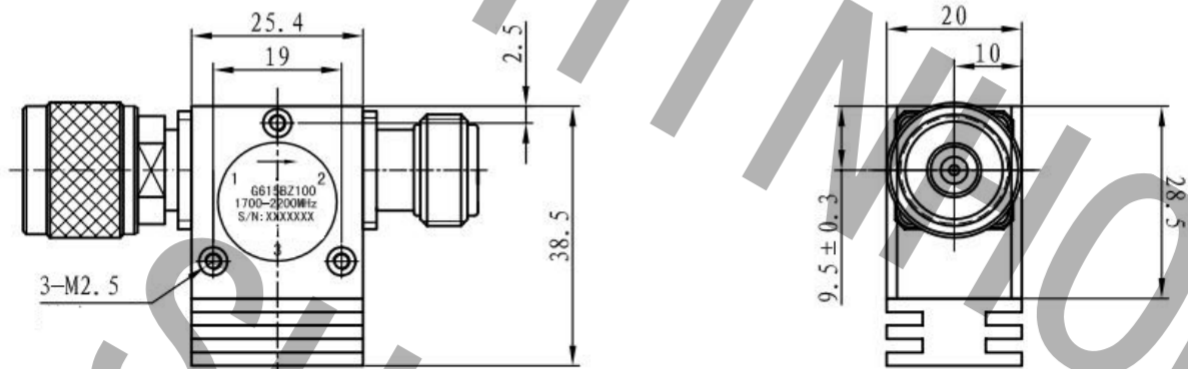


1.Features

UMTS, LTE Band

Wide Operation Temperature Range -20 ~ +70℃

2.Dimensions Unit:mm



3.Specifications

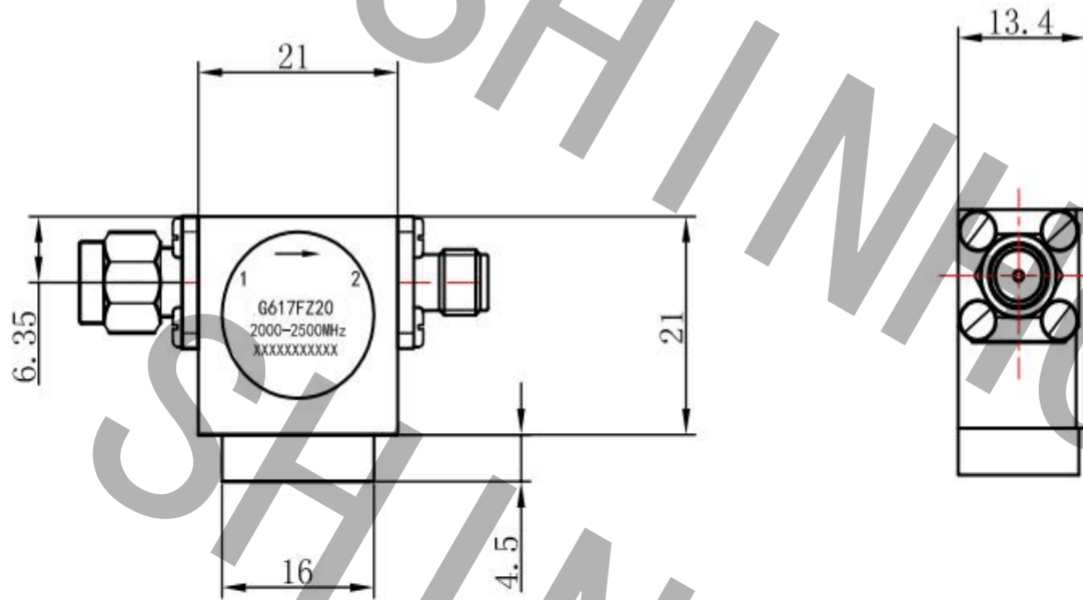
Part No.	Frequency (GHz)		Center Frequency	Bandwidth	Isolation	INS LOSS	VSWR	Power	IMD (@2X43dBm)
	F1	F2	(GHz)	(GHz)	(dB) MIN	(dB) MAX	MAX	(W)	(-dBc) MAX
G615BZ100 (1700-2200MHz)	1.700	2.200	1.950	0.500	18	0.45	1.35	200	
G615BZ100 (2300-2700MHz)	2.300	2.700	2.500	0.400	20	0.35	1.2	200	
G615BZ100 (3400-3800MHz)	3.400	3.800	3.600	0.400	20	0.4	1.2	200	

1.Features

UMTS, LTE Band

Wide Operation Temperature Range -40 ~ +70℃

2.Dimensions Unit:mm



3.Specifications

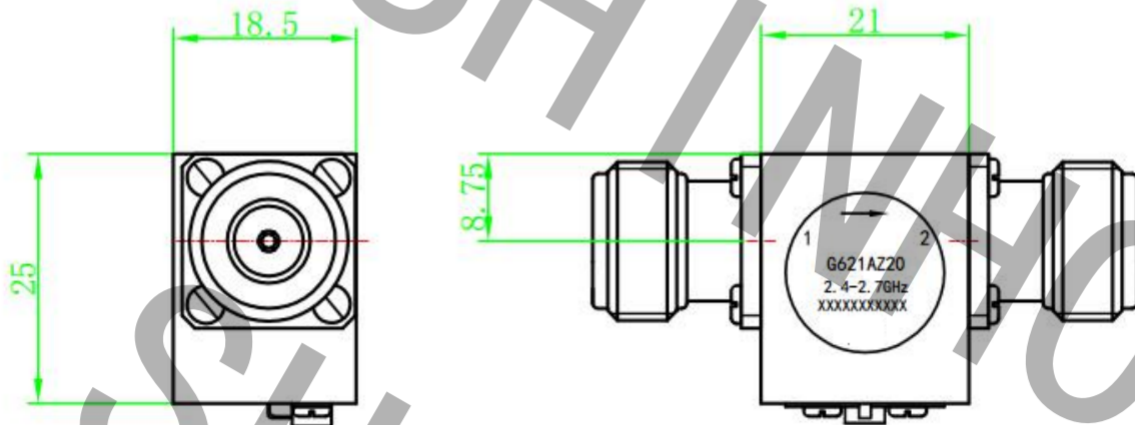
Part No.	Frequency (GHz)		Center Frequency	Bandwidth	Isolation	INS LOSS	VSWR	Power	IMD
	F1	F2	(GHz)	(GHz)	(dB) MIN	(dB) MAX	MAX	(W)	(@2X43dBm) (-dBc) MAX
G617FZ20(1500-1650MHz)	1.500	1.650	1.5750	0.150	20	0.35	1.25	100	
G617FZ20(1800-2300MHz)	1.800	2.300	2.050	0.500	19	0.4	1.25	100	
G617FZ20(2000-2500MHz)	2.000	2.500	2.2500	0.500	20	0.35	1.25	100	
G617FZ20(2.3-2.7GHz)	3.400	3.600	3.500	0.200	20	0.35	1.25	100	
G617FZ20(3.3-3.8GHz)	3.300	3.800	3.5500	0.500	20	0.35	1.25	100	
G617FZ20(4.79-4.96GHz)	4.790	4.960	4.875	0.170	22	0.3	1.2	100	

1.Features

UMTS, LTE Band

Wide Operation Temperature Range -40 ~ +70℃

2.Dimensions Unit:mm



3.Specifications

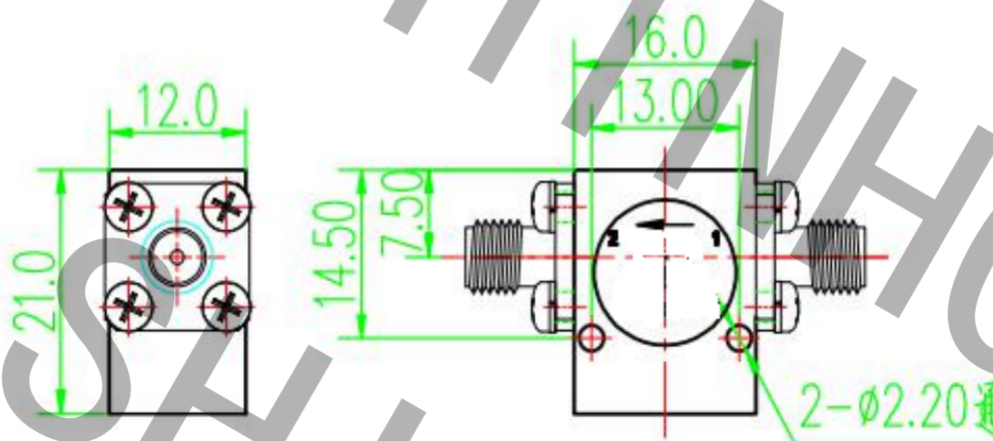
Part No.	Frequency (GHz)		Center Frequency	Bandwidth	Isolation	INS LOSS	VSWR	Power	IMD (@2X43dBm)
	F1	F2	(GHz)	(GHz)	(dB) MIN	(dB) MAX	MAX	(W)	(-dBc) MAX
G621AZ20(2.4-2.7GHz)	2.400	2.700	2.550	0.300	20	0.3	1.2	100	
G621AZ20(3.3-3.8GHz)	3.300	3.800	3.550	0.500	20	0.3	1.2	100	
G621AZ20(4.4-5GHz)	4.400	5.000	4.700	0.600	20	0.3	1.2	100	

1.Features

UMTS, LTE Band

Wide Operation Temperature Range -40 ~ +85℃

2.Dimensions Unit:mm



3.Specifications

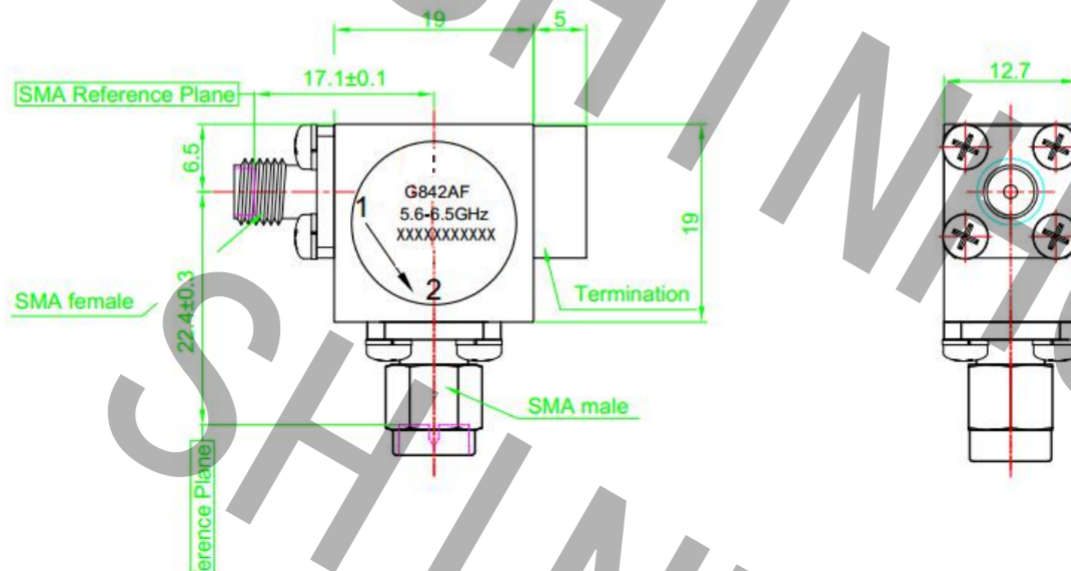
Part No.	Frequency (GHz)		Center Frequency	Bandwidth	Isolation	INS LOSS	VSWR	Power	IMD
	F1	F2	(GHz)	(GHz)	(dB) MIN	(dB) MAX	MAX	(W)	(@2X43dBm (-dBc) MAX
G836AZ[5.7-6.5GHz]	5.700	6.500	6.1000	0.800	20	0.3	1.25	10	
G836AZ[6.4-7.2GHz]	6.400	7.200	6.8000	0.800	20	0.3	1.25	10	
G836AZ[7.1-7.9GHz]	7.100	7.900	7.5000	0.800	20	0.3	1.25	10	
G836AZ[7.7-8.5GHz]	7.700	8.500	8.1000	0.800	20	0.3	1.25	10	
G836AZ[10.7-11.7GHz]	10.700	11.700	11.2000	1.000	20	0.35	1.25	10	
G836AZ[10-15GHz]	10.000	15.000	12.5000	5.000	20	0.4	1.25	10	

1.Features

UMTS, LTE Band

Wide Operation Temperature Range -5 ~ +55℃

2.Dimensions Unit:mm



3.Specifications

Part No.	Frequency (GHz)		Center Frequency	Bandwidth	Isolation	INS LOSS	VSWR	Power	IMD (@2X43dBm
	F1	F2	(GHz)	(GHz)	(dB) MIN	(dB) MAX	MAX	(W)	(-dBc) MAX
G842AF[3.6-4.2GHz]	3.600	4.200	3.9000	0.600	23	0.30	1.15	10	
G842AF[4.4-5.0GHz]	2.300	2.400	2.3500	0.100	23	0.30	1.15	10	
G842AF[5.6-6.5GHz]	2.545	2.665	2.6050	0.120	23	0.30	1.15	10	
G842AF[6.4-7.2GHz]	2.545	2.665	2.6050	0.120	23	0.30	1.15	10	
G842AF[7.1-7.9GHz]	2.486	2.700	2.5930	0.214	23	0.30	1.15	10	
G842AF[7.7-8.5GHz]	3.400	3.600	3.5000	0.200	23	0.30	1.15	10	
G842AF[10.7-11.7GHz]	3.400	3.800	3.6000	0.400	23	0.30	1.15	10	
G842AF[12.7-13.3GHz]	4.400	5.000	4.7000	0.600	23	0.30	1.15	10	

Coaxial Isolator

The isolator is the device that makes the RF signal transmit in one direction.
It can be divided into coaxial isolator and embedded isolator.

FEATURE

Broad Band
High Power
Low Loss

APPLICATION

Wireless
Radar
Laboratory Tests



ELECTRICAL CHARACTERISTICS:

Model	Freq (GHz)	Bandwidth (MHz,max.)	Insertion Loss (dB,max.)	Isolation (dB,min.)	VSWR (dB,min.)	Forward Power (W,max)	Backward Power (W)	Connector	Temp (°C)	Dimensions (mm)
G6466H	0.02-0.4	175	2	18	1.3	100	20-100	SMA,N	0 - +60	64*66*22
G6060H	0.02-0.4	175	2	18	1.3	100	10-100	SMA,N	-20 - +70	60*60*25.5
G12060H	0.07-0.23	56	2	40	1.3	150	10-100	SMA,N	-30 - +70	120*60*25.5
G23085H	0.07-0.23	60	1.8	60	1.25	150	100	SMA,N	-30 - +75	230*85*30
G5258E	0.16-0.33	70	0.7	18	1.3	500	10-100	SMA,N	-30 - +70	52*57.5*22
G10458E	0.18-0.86	60	1	38	1.3	300	10-100	SMA,N	-30 - +70	104*57.5*22
G12762H	0.3-0.5	40	0.8	45	1.25	300	10-100	SMA,N	-30 - +70	127*62*22
G4550E	0.3-1.1	300	0.6	18	1.3	400	10-100	SMA,N	-30 - +70	45*50*25
G4550X	0.3-1.1	300	0.6	18	1.3	400	10-100	SMA,N	-30 - +70	45*49*18
G3538X	0.3-1.85	500	0.7	18	1.35	300	10-100	SMA,N	-30 - +70	35*38*15
G9648H	0.35-0.47	70	0.7	40	1.25	150	100	SMA,N	-30 - +70	96*48*24
G9650H	0.35-0.47	70	0.7	40	1.25	150	100	SMA,N	-30 - +70	96*50*26.5
G9662H	0.35-0.47	70	0.7	40	1.25	150	100	SMA,N	-30 - +70	96*62*26
G16080H	0.38-0.47	70	1.2	60	1.25	300	100	SMA,N	-10 - +60	160*80*30
G7448H	0.45-2.7	400	0.8	38	1.25	250	10-100	SMA,N	-30 - +70	73.8*48.4*22.5
G3033X	0.7-3	600	0.6	15	1.45	200	10-100	SMA,N	-30 - +70	30*33*15
G3232X	0.7-3	600	0.6	15	1.45	200	10-100	SMA,N	-30 - +70	32*32*15
G3434E	0.7-3	600	0.6	15	1.45	200	10-100	SMA,N	-30 - +70	34*34*22
G2528B	0.9-4	400	0.4	20	1.25	200	10-100	SMA,N	-30 - +70	25.4*28.5*15
G6466K	0.95-2	1050	0.65	16	1.4	100	10-100	SMA,N	-30 - +70	64*66*26
G2025X	1.3-4	400	0.4	20	1.25	100	20	SMA	-30 - +70	20*25.4*13
G5050A	1.5-3	1500	0.7	17	1.4	100	10-100	SMA,N	-10 - +60	50.8*49.5*19
G2528C	2.7-6.2	3500	0.8	16	1.4	60	20	SMA,N	-10 - +60	25.4*28*14
G3234A	2-4	2000	0.6	18	1.3	100	20	SMA,N	0 - +60	32*34*21
G6237A	2-8	6000	1.5	13	1.8	20	5	SMA	0 - +60	62*36.8*19.6
G1523C	3.6-7.2	1400	0.5	18	1.3	60	10	SMA	-10 - +60	15*22.5*13.8
G1626B	3.7-5	1000	0.4	20	1.25	60	10	SMA	-10 - +60	16*26.5*14.8
G2123B	4-8	4000	0.6	18	1.35	60	20	SMA	0 - +60	21*22.5*15
G1622B	6-18	12000	1.5	11	1.9	30	10	SMA	0 - +60	16*21.5*14
G1319C	7-15	4000	0.5	18	1.3	20	10	SMA	-10 - +60	13*19*12.7
G2619C	8-12	4000	0.8	35	1.3	30	10	SMA	-10 - +60	26*19*12.7
G1220C	9-16.5	2200	0.5	19	1.3	30	5	SMA	-30 - +70	12*20*13
G1220A	18-26.5	8500	0.7	16	1.4	10	5	2.92mm	-30 - +70	12*20*13
G1215A	26.5-40	13500	1.3	12	1.7	5	1	2.92mm	-30 - +70	12*15*12

*Dimensions do not include connectors.

RF Isolators & Circulators



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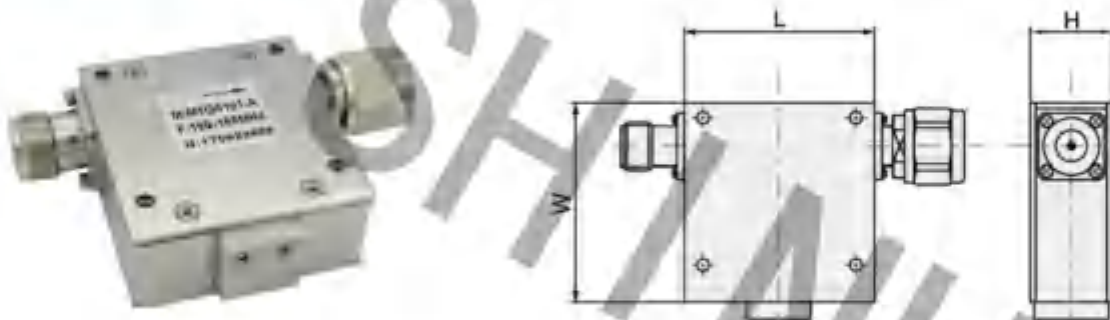
E-mail: sales@shinhom.com.cn

No.8, Yanta Northern Road, Xi'an Shaanxi Pro. China.

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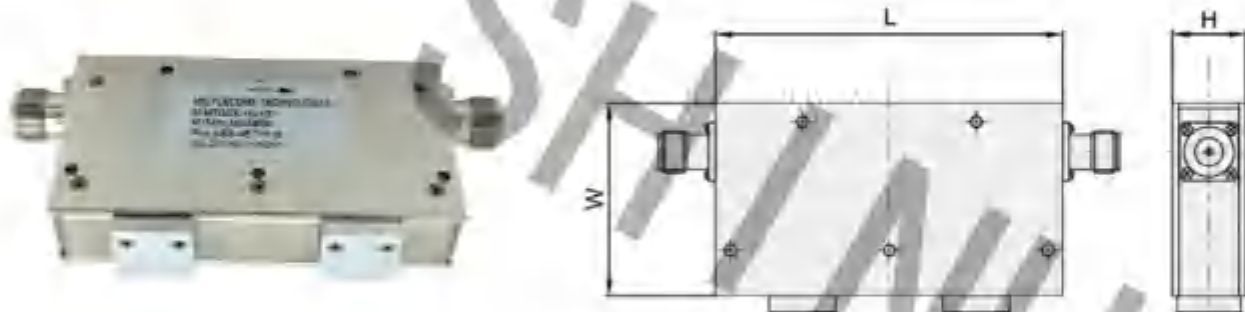
Coaxial Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB,Max)	Isolation (dB,Min)	VSWR (Max)	Operating Temperature (°C)	Forward Power (W,Max)	Reverse Power (W)	Size L*W*H (mm)	Connector Type
MTG0101F-100	0.1-0.16	5	0.3	20	1.20	-10~+70	400	50~250	80*80*31	N
	0.136-0.174	Full	0.4	20	1.25					
	0.17-0.3	10	0.3	23	1.20					
		40	0.4	20	1.25					
MTG0101F1	0.088-0.108	20	0.6	18	1.30	0~+60	60	20	41*65*20	SMA or N
	0.136-0.174	38	0.5	20	1.25					
	0.3-0.8	200	0.8	18	1.30					
MTG0101-A	0.14-0.17	4	0.4	23	1.20	-10~+70	150	20	50.5*53*22	SMA or N
	0.15-0.18	10	0.4	20	1.25					
	0.2-0.3	20	0.4	20	1.25					
MTG0101-A100	0.14-0.16	4	0.4	20	1.20	-10~+70	200	100	50.5*63*22	SMA or N
	0.16-0.2	4	0.3	23	1.20					
	0.2-0.3	20	0.3	20	1.20					
MTG0301A	0.2-0.3	10	0.3	23	1.20	-10~+70	100	20	52*57.5*22	SMA or N
	0.3-0.4	Full	0.5	18	1.30	-10~+70				
	0.4-0.52	Full	0.3	20	1.25	-30~+70				
	0.4-1.4	100	0.4	20	1.25	-30~+70				
MTG0301A-100	0.2-0.3	20	0.3	20	1.20	-10~+70	200	100	52*67.5*22	SMA or N
	0.3-0.4	Full	0.5	18	1.30	-30~+70				
	0.4-0.52	Full	0.3	20	1.25	-30~+70				
	0.4-1.4	200	0.4	20	1.25	-30~+70				

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

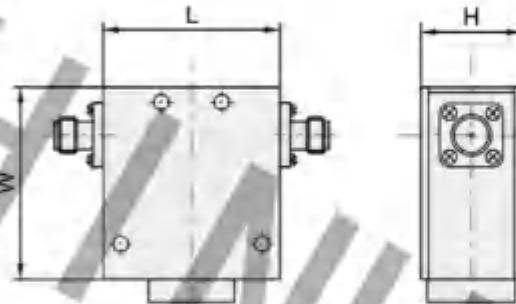
Coaxial Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB,Max)	Isolation (dB,Min)	VSWR (Max)	Operating Temperature (℃)	Forward Power (W,Max)	Reverse Power (W)	Size L*W*H (mm)	Connector Type
MTG0301S-100	0.14-0.18	4	0.8	50	1.20	-10~+70	200	100	104*57.5*22	SMA or N
	0.18-0.25	10	0.8	50	1.20					
	0.25-0.35	20	0.6	50	1.20					
	0.35-0.9	5	0.4	70	1.15	-30~+70				
		10	0.5	65	1.20					
		20	0.6	50	1.20					
MTG0501CS	0.35-1.0	6	0.5	55	1.15	-30~+70	150	60~150	96*50*25.6	SMA or N
	0.45-0.512	Full	0.4	50	1.20					
	0.7-1.0	Full	1.0	35	1.35					
MTG0401B	0.25-0.3	4	0.4	20	1.20	-10~+70	150	20	35*38*20	SMA or N
	0.3-0.4	10	0.3	23	1.20	-30~+70				
	0.4-0.47	Full	0.4	20	1.25					
	0.4-0.6	20	0.3	25	1.15					
MTG0401B-200	0.25-0.3	4	0.4	20	1.20	-10~+70	200	150	35*60*20	SMA or N
	0.3-0.4	10	0.3	23	1.20					
	0.4-0.6	20	0.3	25	1.15					
	0.4-0.47	Full	0.4	20	1.25					
MTG0701B2	0.5-0.7	Full	0.5	16	1.40	-30~+70	100	20	35*38*20 (Drawing A01)	SMA or N
	0.6-0.8	Full	0.4	19	1.25					
	0.698-0.96	Full	0.4	17	1.35					
	0.728-0.96	Full	0.35	19	1.25					
	0.7-1.0	Full	0.5	15	1.45					
	0.95-1.25	Full	0.4	18	1.30	-40~+85	100	20		
	1.0-1.5	Full	0.5	17	1.35					
	1.1-1.6	Full	0.4	19	1.25					
	1.1-1.7	Full	0.5	16	1.40					
	1.35-1.85	Full	0.5	20	1.25					
	1.4-2.0	Full	0.4	20	1.25					
	1.7-2.4	Full	0.35	20	1.25					

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

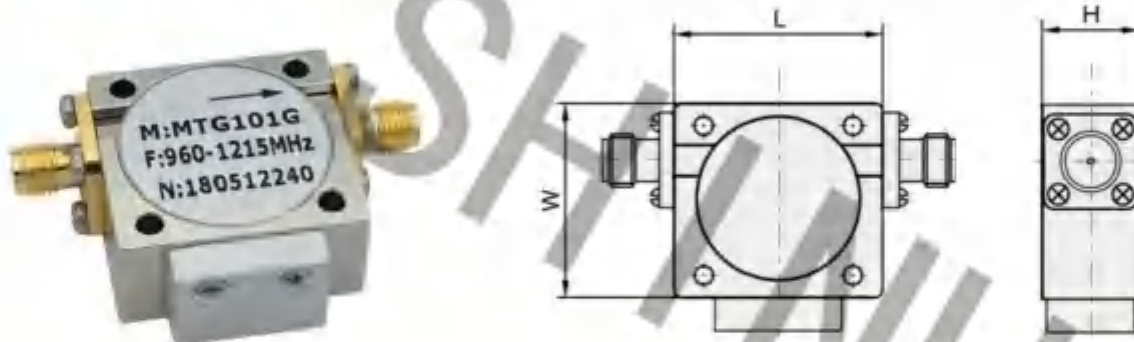
Coaxial Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB, Max)	Isolation (dB, Min)	VSWR (Max)	Operating Temperature (°C)	Forward Power (W, Max)	Reverse Power (W)	Size L*W*H (mm)	Connector Type
MTG0701B2	1.8-2.2	Full	0.35	20	1.20	-40~+85	100	10~20	35*38*20	SMA or N
	2.3-2.7	Full	0.35	20	1.20					
MTG0701B2-200	0.698-0.96	Full	0.4	17	1.35	-30~+70	300	200	35*60*20	N
	0.728-0.96	Full	0.35	19	1.25					
	0.7-1.0	Full	0.6	16	1.45					
	1.8-2.2	Full	0.4	20	1.25					
	2.3-2.7	Full	0.4	20	1.25					
MTG0401BS	0.3-0.35	10	0.6	40	1.20	-30~+70	200	20~200	70*38*20	SMA or N
	0.35-0.5	10	0.5	50	1.15					
	0.4-1.0	4	0.6	60	1.15					
	0.4-0.47	Full	0.8	40	1.25					
MTG0701B2S	0.5-0.7	20	0.6	50	1.15	-30~+70	100	20	48*51*24	SMA or N
	0.8-2.7	200	0.8	40	1.25					
MTG0501A	0.4-0.7	50	0.3	23	1.20					
	0.7-0.96	Full	0.45	18	1.30					
	0.7-1.0	Full	0.5	17	1.35					
MTG0501A-200	0.4-0.7	100	0.3	23	1.20	-30~+85	400	200	48*73*24	N
	0.728-0.96	Full	0.4	18	1.30					
	0.7-1.0	Full	0.5	16	1.40					

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

◆ Coaxial Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (℃)	Forward Power (W.Max)	Reverse Power (W)	Size L*W*H (mm)	Connector Type
MTG0801B2	0.6-0.8	20	0.3	23	1.15	-40~+85	150	20	30*33*20	SMA or N
	0.8-1.4	70	0.25	25	1.15					
		200	0.4	20	1.25					
		1.4-2.7	300	0.4	20					
MTG0801B1	0.6-0.8	70	0.3	25	1.20	-40~+85	150	20	30*33*15	SMA
	0.8-1.7	200	0.4	20	1.25					
MTG0801S	0.8-2.7	30	0.4	50	1.15	-40~+85	150	20	60*33*20	N
		200	0.5	40	1.20					
MTG101G	0.4-0.6	10	0.3	23	1.20	-10~+70	100	20	28*26*13	SMA
	0.6-1.0	30	0.3	25	1.15	-40~+85				
	0.96-1.215	Full	0.4	20	1.25					
	1.2-2.0	200	0.3	20	1.25					
MTG101G-23K	2-3	Full	0.5	21	1.22	-30~+70	50	20	28*26*13	SMAK
MTG101G-24K	2-4	Full	0.6	20	1.25	-30~+70	50	20		

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

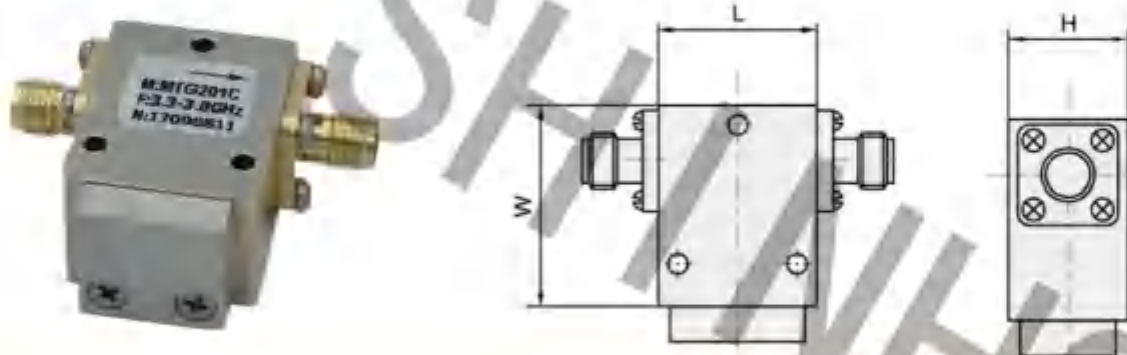
Coaxial Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB,Max)	Isolation (dB,Min)	VSWR (Max)	Operating Temperature (°C)	Forward Power (W,Max)	Reverse Power (W)	Size L*W*H (mm)	Connector Type
MTG101GS	0.4-0.6	10	0.6	45	1.20	-10~+70	150	20	53.4*26*13	SMA
	0.6-1.0	30	0.6	50	1.15	-40~+85				
	0.96-1.215	Full	0.7	40	1.25					
	1.2-2.0	200	0.6	40	1.25					
MTG101GS-23K	2-3	Full	1.0	42	1.22	-30~+70	50	20	53.4*26*13	SMAK
MTG101GS-24K	2-4	Full	0.6	40	1.25					
MTG101B	0.8-3.8	70	0.3	25	1.20	-40~+85	100	20	25.4*28.5*20 (Drawing A02)	SMA or N
	1.0-1.6	200	0.4	20	1.25					
	1.6-3.8	400	0.4	20	1.25					
		500	0.5	18	1.30					
MTG101BS	0.8-3.8	20	0.5	55	1.20	-40~+85	100	20	50.8*28.5*20	SMA or N
	1.0-2.7	200	0.6	45	1.20					
	1.7-2.7	500	0.8	35	1.30					
MTG101B1-100	0.8-3.8	70	0.3	25	1.20	-40~+85	150	100	25.4*38.5*20	SMA or N
	1.0-2.7	200	0.4	20	1.25					
	1.7-2.7	500	0.5	18	1.30					
	2.7-3.8	500	0.4	18	1.30					
MTG101BP-200	0.8-3.8	70	0.3	25	1.20	-40~+85	200	150~200	25.4*48.5*20	N
	1.7-2.2	Full	0.5	18	1.30					
	1.8-2.2	Full	0.4	20	1.25					
	2.3-2.7	Full	0.4	20	1.25					
	3.4-3.6	Full	0.4	20	1.25					
	3.3-3.8	Full	0.4	18	1.30					

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature.

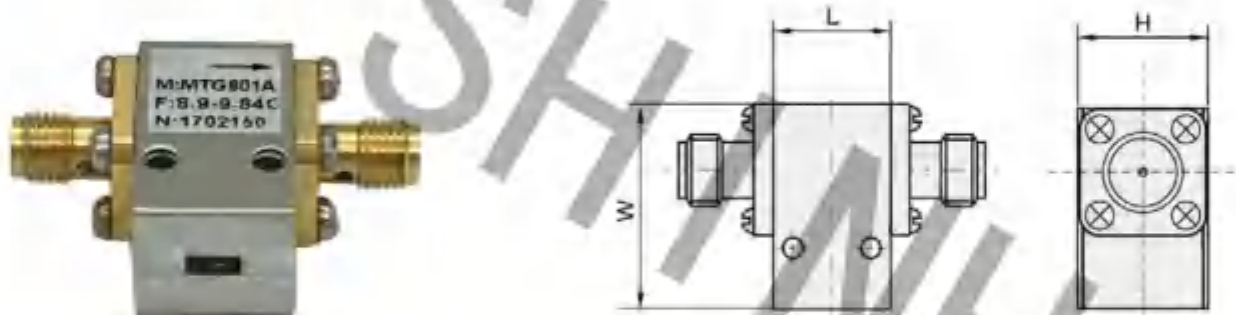
✦ Coaxial Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB,Max)	Isolation (dB,Min)	VSWR (Max)	Operating Temperature (°C)	Forward Power (W,Max)	Reverse Power (W)	Size L*W*H (mm)	Connector Type
MTG101BP-200	3.7-4.2	Full	0.4	18	1.30	-40~+85	200	150~200	25.4*48.5*20	N
MTG201F	1.8-3.5	200	0.3	23	1.20	-30~+70	30	20	25*25*15	SMA
	2.0-2.5	Full	0.3	20	1.25					
	2.5-3.5	Full	0.4	20	1.25					
	2.0-2.7	Full	0.3	18	1.30					
MTG201B1	1.4-1.7	200	0.3	23	1.20	-30~+70	60	20	21*21*8	SMA
	1.8-3.0	400	0.4	20	1.25					
MTG201C	0.8-1.0	30	0.3	23	1.20	-30~+70	60	20	20*25.4*15 (Drawing A03)	SMA
	1.0-1.7	70	0.3	23	1.20					
	1.7-4.2	400	0.4	20	1.25					
MTG201CS	0.8-1.0	30	0.6	45	1.20	-30~+70	60	20	40*25.4*15	SMA
	1.0-1.7	70	0.6	45	1.20					
	1.7-4.2	400	0.8	40	1.20					
MTG201M	1.7-2.7	30	0.3	25	1.20	-40~+85	60	20	19*19*10	SMA
	2.7-5.0	200	0.3	21	1.20					
		400	0.4	20	1.25					
MTG201D	1.8-3.0	200	0.2	23	1.10	-30~+70	50	20	28*30*19	SMA or N
		400	0.3	23	1.20					
		600	0.4	20	1.25					
	2.0-3.0	Full	0.3	19	1.25					
	1.8-3.0	Full	0.4	16	1.40					

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

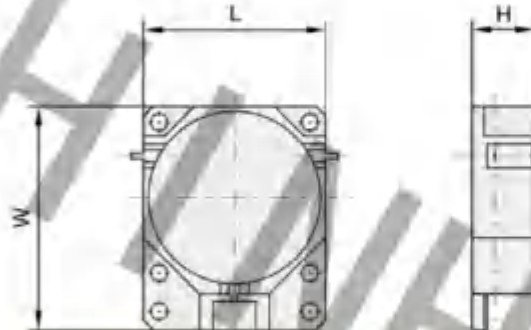
◆ Coaxial Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°C)	Forward Power (W.Max)	Reverse Power (W)	Size L*W*H (mm)	Connector Type
MTG401	3.3-8.0	200	0.2	25	1.20	-40~+85	20	10	16*23*14	SMA
		600	0.3	23	1.20					
		1000	0.4	23	1.20					
MTG401B	3.4-8.5	300	0.3	25	1.20	-40~+85	20	10	16*26*15	SMA
		1000	0.4	23	1.20					
MTG501S	3.5-8.0	200	0.5	50	1.20	-40~+85	20	10	32*26*13	SMA
MTG801F	5.6-7.6	Full	0.4	20	1.25	-40~+85	10	5	12*20*13 (Drawing A04)	SMA
	7-10	Full	0.4	20	1.25					SMA
	17.6-21.2	Full	0.4	20	1.25					SMAor2.92
	18-22	Full	0.4	20	1.25					SMAor2.92
MTG801FS	7-18	500	0.6	50	1.20	-40~+85	10	5	24*20*13	SMA
	18-22	Full	0.8	40	1.25					
MTG801F9	22-27	1000	0.5	20	1.25	-40~+85	10	2	12*20*13	2.92
MTG801F9S	22-27	2000	0.9	40	1.25	-40~+85	10	2	24*20*13	2.92
MTG2030A	18-36	4000	0.6	18	1.30	-40~+85	10	2	12*15*12.8	2.92

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

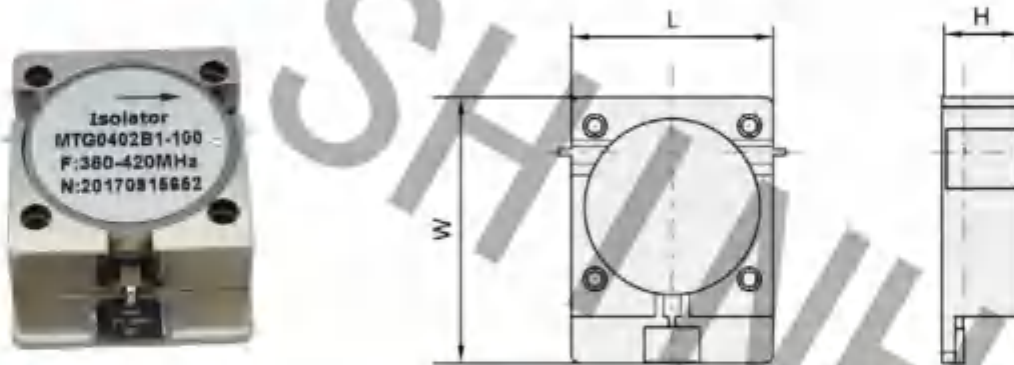
Stripline Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (℃)	Reverse Power (W.Max)	Size L*W*H (mm)	Connector Type
MTG0102B	0.13-0.17	4	0.4	23	1.20	-10~+60	20	51*51*15	TAB
	0.17-0.25	10	0.3	25	1.20				
MTG0102B-150	0.13-0.17	4	0.4	23	1.20	-10~+60	150	51*59*15	TAB
	0.17-0.25	10	0.3	25	1.20				
MTG0302	0.14-0.18	4	0.3	23	1.20	-10~+60	20	50*52*18	TAB
	0.18-0.3	20	0.4	20	1.25				
	0.3-0.4	6	0.25	25	1.15	-30~+70			
	0.38-0.47	Full	0.3	21	1.20				
	0.4-0.6	100	0.3	20	1.25				
MTG0302-100	0.15-0.2	4	0.4	20	1.20	-10~+60	100	50*60*19	TAB
	0.2-0.3	20	0.4	20	1.25				
	0.3-0.6	70	0.3	20	1.20	-30~+70			
MTG0402F	0.16-0.22	4	0.4	20	1.25	-10~+60	50	45*45*13	TAB
	0.22-0.35	20	0.3	23	1.20				
	0.37-0.5	Full	0.4	20	1.25	-30~+70			
	0.47-0.6	Full	0.3	21	1.20				
	0.5-0.8	100	0.3	23	1.20				
MTG0402G	0.2-0.3	6	0.4	23	1.20	-10~+60	100	44*45.5*15.6	TAB
	0.3-0.4	20	0.3	23	1.20				
	0.37-0.5	Full	0.4	20	1.25	-30~+70			
	0.47-0.6	Full	0.3	21	1.20				
	0.5-0.8	100	0.3	23	1.20				
MTG0402E-200	0.3-0.5	5	0.3	30	1.15	-10~+60	200	42*53.6*13	TAB
	0.4-0.5	20	0.3	25	1.15	-30~+70			

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

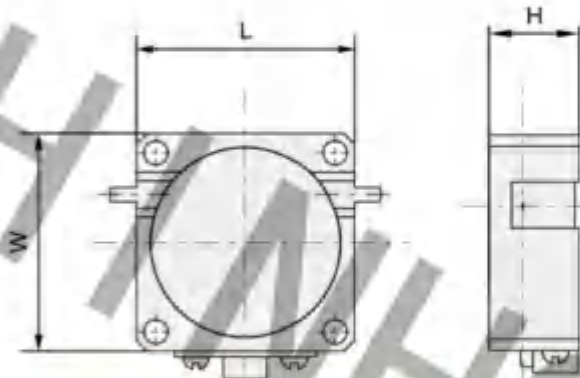
✦ Stripline Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB,Max)	Isolation (dB,Min)	VSWR (Max)	Operating Temperature (℃)	Reverse Power (W,Max)	Size L*W*H (mm)	Connector Type
MTG0402B	0.3-0.35	10	0.4	20	1.25	-15~+60	20	35*38*13	TAB
	0.35-0.5	10	0.3	25	1.15	-30~+70			
	0.4-0.47	Full	0.4	20	1.25				
	0.4-0.6	100	0.4	19	1.25				
	0.6-1.2	100	0.3	23	1.20				
		200	0.4	19	1.25				
MTG0402B-C	0.25-0.35	4	0.3	23	1.20	-30~+70	60	35*38*13 (Drawing A05)	TAB
	0.35-0.45	10	0.3	25	1.15				
	0.4-0.6	20	0.3	25	1.20				
	0.47-0.7	Full	0.5	16	1.40				
MTG0402B1-100	0.3-0.35	10	0.5	20	1.25	-15~+60	100~150	35*46*13	TAB
	0.35-0.5	10	0.3	25	1.15	-30~+70			
	0.5-1.0	30	0.3	25	1.15				
	0.4-0.47	Full	0.35	20	1.25				
	0.4-0.6	100	0.4	19	1.25				
MTG0701B2-100	0.6-1.2	100	0.3	23	1.20	-30~+70	100~150	35*46*13	TAB
		200	0.4	19	1.25				
	0.698-0.96	Full	0.6	16	1.40				
	0.728-0.96	Full	0.5	18	1.30				
	0.7-1.0	Full	0.65	15	1.45				
	0.96-1.215	Full	0.4	20	1.25				

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

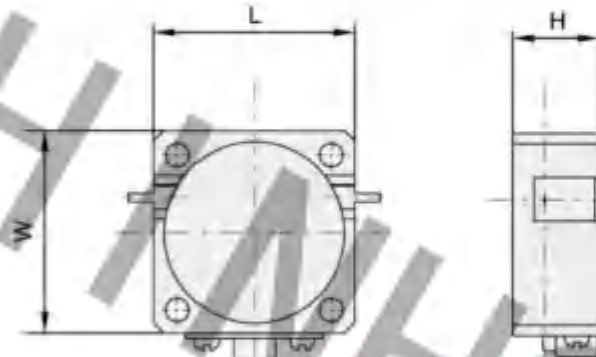
✦ Stripline Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°C)	Reverse Power (W.Max)	Size L*W*H (mm)	Connector Type
MTG0402C4	0.3-0.5	6	0.25	25	1.15	-30~+70	100	35*43*13	TAB
	0.5-2.0	20	0.3	25	1.15				
MTG0902B	0.4-0.47	Full	0.6	15	1.50	-30~+70	20	20*20*8.6 (Drawing A06)	TAB
	0.4-0.5	Full	0.7	14	1.60				
	0.45-0.47	Full	0.5	20	1.25				
	0.4-0.5	Full	0.7	14	1.60				
	0.5-0.6	Full	0.6	16	1.40				
	0.7-0.86	Full	0.4	17	1.35				
	0.8-0.96	Full	0.4	18	1.30				
	0.71-0.96	Full	0.8	14	1.65				
	0.96-1.215	Full	0.5	18	1.30				
	1.1-1.3	Full	0.5	18	1.30				
	1.2-1.7	200	0.4	20	1.25				
MTG0902B-100	1.7-3.6	200	0.3	23	1.20	-30~+70	100	20*27.5*8.6	TAB
	0.7-1.2	100	0.4	20	1.25				
	1.2-1.7	100	0.3	23	1.20				
MTG0902BS	1.7-3.6	200	0.4	20	1.25	-30~+70	20	40*20*8.6	TAB
	0.8-3.0	25	0.6	50	1.20				
	0.99-1.13	Full	0.8	40	1.25				
MTG102A1	0.35-0.43	4	0.3	23	1.20	-30~+70	20	25.4*25.4*10	TAB
	0.43-0.8	20	0.3	23	1.20				
	0.8-1.0	30	0.2	25	1.15				

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

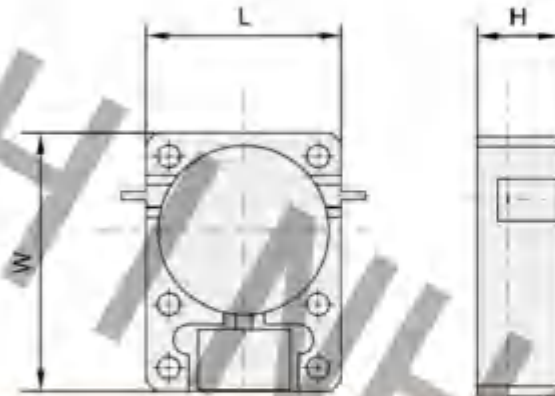
✦ Stripline Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°C)	Reverse Power (W.Max)	Size L*W*H (mm)	Connector Type
MTG102A1	1.0-3.6	100	0.3	25	1.20	-40~+85	20	25.4*25.4*10	TAB
	1.7-3.6	400	0.4	20	1.25				
MTG102A1-100	0.35-0.43	4	0.3	25	1.20	-30~+70	100	25.4*31.7*10 (Drawing A07)	TAB
	0.43-0.8	20	0.3	25	1.20				
	0.8-1.0	30	0.2	25	1.15				
	1.0-3.6	100	0.3	25	1.20	-40~+85			
	1.7-3.6	400	0.4	20	1.25				
MTG102A2S	0.35-0.4	10	0.7	45	1.20	-10~+70	100	54*32*10	TAB
	0.4-0.6	10	0.6	50	1.20				
	0.6-1.0	30	0.6	50	1.15	-30~+70			
	1.0-3.6	200	0.6	40	1.25				
MTG102K6	1.614-1.618	4	0.3	25	1.20	-40~+85	20	10*10*6	TAB
	1.5-1.8	4	0.4	20	1.25				
	1.8-2.8	50	0.3	23	1.20				
MTG202B	0.8-1.3	30	0.3	23	1.20	-40~+85	20	19*19*8	TAB
	1.3-1.7	100	0.3	23	1.20				
	1.7-4.2	30	0.2	25	1.15				
		100	0.3	23	1.15				

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

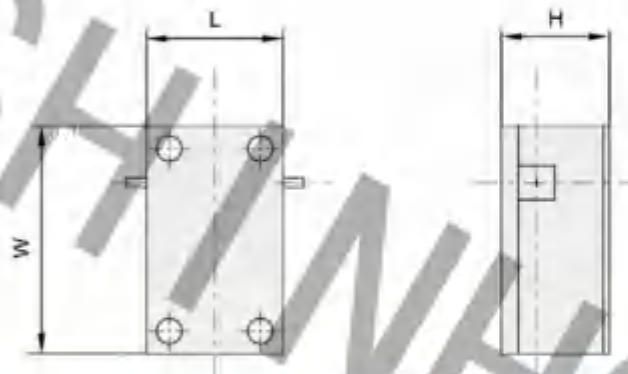
Stripline Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°C)	Reverse Power (W.Max)	Size L*W*H (mm)	Connector Type
MTG202B	1.8-2.2	Full	0.4	20	1.25	-40~+85	20	19*19*8	TAB
	2.3-2.7	Full	0.3	20	1.25				
	3.1-3.6	Full	0.4	20	1.25				
	3.3-3.8	Full	0.4	20	1.25				
MTG502G	3.4-4.2	Full	0.4	20	1.25	-40~+85	20	19*19*10	TAB
	4-7	500	0.4	20	1.25				
MTG102F-100	0.8-1.3	30	0.3	23	1.20	-40~+85	100	19*25.4*8	TAB
	1.3-1.7	100	0.3	23	1.20				
	1.7-4.2	30	0.2	25	1.15				
		200	0.3	23	1.20				
	1.8-2.2	Full	0.4	20	1.25				
	2.3-2.7	Full	0.3	20	1.25				
	3.1-3.6	Full	0.4	20	1.25				
	3.3-3.8	Full	0.4	20	1.25				
MTG502G-100	3.4-4.2	Full	0.4	20	1.25	-40~+85	100	19*25.4*10	TAB
	4.0-10	500	0.4	20	1.25				
MTG202D1	1.4-6.0	30	0.3	25	1.20	-40~+85	20	12.7*12.7*7.2	TAB
		70	0.4	23	1.20				
	2.5-2.7	Full	0.3	21	1.20				
	2.7-3.1	Full	0.35	21	1.20				
	3.2-3.6	Full	0.4	20	1.25				
	4.0-6.0	500	0.3	20	1.25				
MTG402M6-100	2.0-4.0	100	0.3	23	1.20	-40~+85	100	12.7*20*7	TAB
	4.0-5.0	300	0.3	20	1.25				
	5.0-6.0	600	0.4	20	1.25				
MTG202E	2.0-4.0	200	0.3	23	1.20	-30~+70	20	18*25*10	TAB
		400	0.4	20	1.25				
		400	0.4	20	1.25				
MTG202H3	2.2-5.0	100	0.3	23	1.20	-40~+85	20	11.5*13*7.2	TAB
	2.7-5.0	300	0.4	20	1.25				

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

◆ Stripline Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°C)	Reverse Power (W.Max)	Size L*W*H (mm)	Connector Type
MTG402	3.5-7.0	300	0.3	25	1.20	-40~+85	10	16*23*9	TAB
		800	0.4	23	1.20				
MTG402A	3.3-7.0	500	0.3	23	1.20	-40~+85	10	16*23*9.5	TAB
MTG402S	3.4-7.0	300	0.5	50	1.20	-40~+85	10	32*26*10.5	TAB
MTG402M	4.0-5.0	200	0.3	23	1.20	-40~+85	10	12.7*12.7*6.4	TAB
	5.0-10	600	0.4	20	1.25				
MTG502A	4.5-7.0	300	0.3	25	1.20	-40~+85	10	12*20*9.5	TAB
		600	0.4	23	1.20				
MTG502C1	5.0-8.0	300	0.3	25	1.20	-40~+85	10	12*20*6	TAB
		600	0.3	20	1.25				
MTG702E	7-18	300	0.3	25	1.20	-40~+85	5	12.7*12.7*6.5	TAB
		1000	0.4	23	1.20				
		2000	0.4	20	1.25				

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

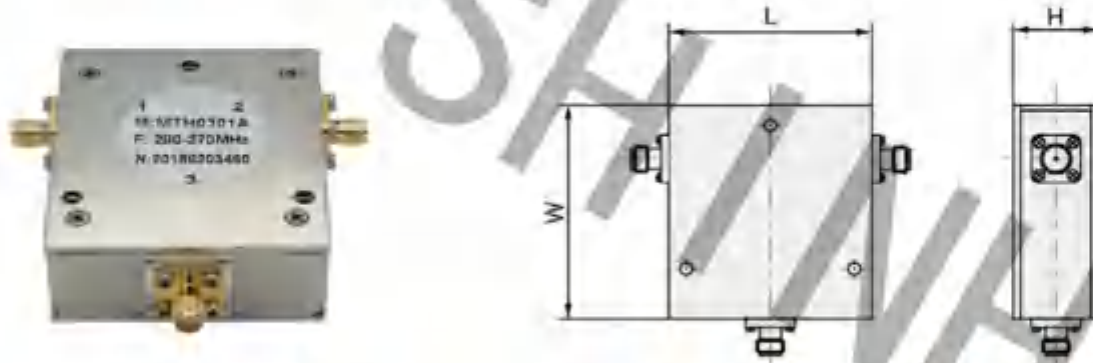
✦ Stripline Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°C)	Reverse Power (W.Max)	Size L*W*H (mm)	Connector Type
MTG602B	5.7-9	500	0.35	21	1.20	-40~+85	20	8.9*12.06*5.6	TAB
	9-15	1000	0.4	20	1.25				
MTG802P-40	6-8	Full	0.6	18	1.30	-40~+85	40	13*18*6.4	TAB
	8-12	Full	0.5	18	1.30				
MTG802P-60	6-12	400	0.3	20	1.25	-40~+85	60	13*19.5*6.4	TAB
MTG902B	5.5-8.0	200	0.3	23	1.20	-40~+80	5	8.9*15*7.8	TAB
	8.0-20	1000	0.4	20	1.25				
MTG902E	7-10	500	0.35	21	1.20	-40~+85	5	9*9*5.5	TAB
	10-15	1000	0.4	20	1.25	-40~+85	20		
	15-18	1000	0.5	18	1.25	-40~+85	20		
MTG1302C	8-12	500	0.35	21	1.20	-40~+85	20	9*14*5.2	TAB
	10-15	1000	0.4	20	1.25				
	15-20	1000	0.5	18	1.30				
MTG902BS	7.0-15	500	0.6	50	1.20	-40~+85	5	17.8*15*7.8	TAB
	15-20	1000	0.8	45	1.25				
MTG1402	6.0-9.0	100	0.4	20	1.25	-40~+85	5	6*12.7*7.2	TAB
	9.0-18	1000	0.4	20	1.25				
MTG1402A	17-22	1000	0.5	20	1.25	-40~+85	5	6.35*12.7*4.5	TAB
	22-32	2000	0.6	18	1.30				
MTG2030A-W	26-36	2000	0.6	18	1.30	-40~+85	5	12*15*12.8	TAB

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

Coaxial Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB,Max)	Isolation (dB,Min)	VSWR (Max)	Operating Temperature (°C)	Average Power (W,Max)	Size L*W*H (mm)	Connector Type			
MTH0101F	0.1-0.15	5	0.3	20	1.20	-10~+70	400	80*80*31	N			
	0.136-0.174	Full	0.4	19	1.26							
	0.17-0.3	10	0.3	23	1.20							
		40	0.4	20	1.25							
MTH0101F1	0.88-0.108	20	0.6	18	1.30	0~+60	60	41*65*20	SMA or N			
	0.136-0.174	Full	0.5	20	1.25							
	0.3-0.8	200	0.8	18	1.30							
MTH0101-A	0.14-0.17	4	0.4	23	1.20	-10~+70	150	50.5*53*22	SMA or N			
	0.15-0.18	10	0.4	20	1.25							
	0.2-0.3	20	0.4	20	1.25							
MTH0301A	0.2-0.3	10	0.3	23	1.20	-10~+70	200	52*57.5*22	SMA or N			
	0.3-0.4	Full	0.35	18	1.27	-10~+70						
	0.4-0.52	Full	0.3	20	1.25	-30~+70						
	0.4-1.4	100	0.4	20	1.25	-30~+70						
MTH0301S	0.14-0.2	4	0.8	45	1.20	-10~+70	200	104*57.5*22	SMA or N			
	0.2-0.25	10	0.8	50	1.20							
	0.25-0.35	20	0.6	50	1.20							
	0.35-0.9	5	0.4	70	1.15	-30~+70						
		10	0.5	65	1.20							
		20	0.6	50	1.20							
MTH0401B	0.25-0.3	4	0.4	20	1.20	-10~+70	200	35*38*20	SMA or N			
	0.3-0.4	10	0.3	23	1.15	-30~+70						
	0.4-0.6	20	0.3	25	1.20							
	0.47-0.6	Full	0.4	18	1.30							

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

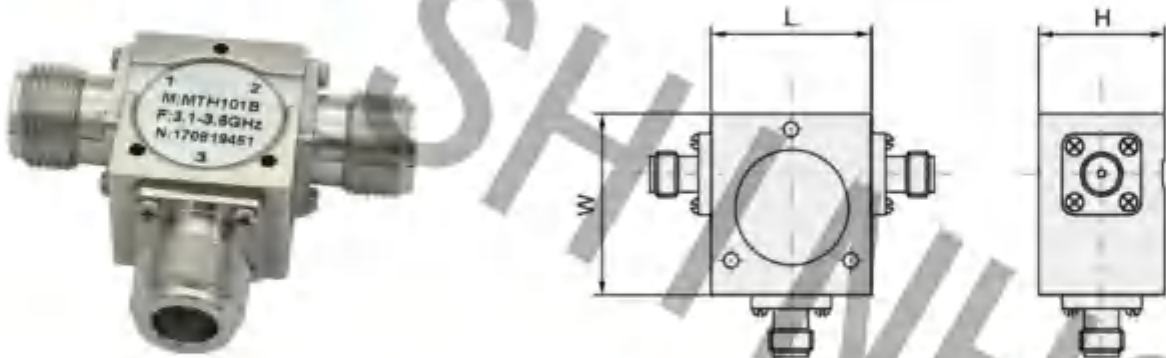
Coaxial Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°C)	Average Power (W.Max)	Size L*W*H (mm)	Connector Type
MTH0701B2	0.5-0.7	Full	0.5	16	1.40	-30~+70	60~200	35*38*20	SMA or N
	0.6-0.8	Full	0.4	19	1.25				
	0.698-0.96	Full	0.4	17	1.35				
	0.728-0.96	Full	0.35	19	1.25				
	0.7-1.0	Full	0.5	15	1.45				
	0.95-1.25	Full	0.4	18	1.30				
	1.0-1.5	Full	0.5	17	1.35				
	1.1-1.6	Full	0.4	19	1.25				
	1.1-1.7	Full	0.5	16	1.40				
	1.35-1.85	Full	0.5	20	1.25				
MTH0701B-300	1.4-2.0	Full	0.4	20	1.25	-30~+70	300	35*38*20	N
	1.7-2.4	Full	0.35	20	1.25				
	1.8-2.2	Full	0.4	20	1.25				
MTH0401BS	2.3-2.7	Full	0.4	20	1.25	-30~+70	200	70*38*20	N
	0.3-0.35	10	0.6	40	1.20				
	0.35-0.5	10	0.5	50	1.15				
	0.4-0.7	20	0.6	50	1.20				
MTH0501A	0.7-1.2	200	0.8	40	1.25	-30~+70	300	48*51*24	N
	0.4-0.7	50	0.3	23	1.20				
	0.6-0.8	Full	0.4	20	1.25				
	0.7-0.96	Full	0.4	18	1.30				
MTH0801B2	0.7-1.0	Full	0.55	16	1.45	-30~+70	100	30*33*20	SMA or N
	0.6-0.8	20	0.3	23	1.15				
	0.8-1.4	70	0.25	25	1.15				
		200	0.4	20	1.25				
MTH0801B1	1.4-2.7	300	0.4	20	1.25	-40~+85	100	30*33*15	SMA
	0.6-0.8	70	0.3	25	1.20				
	0.8-2.7	200	0.4	20	1.25				

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

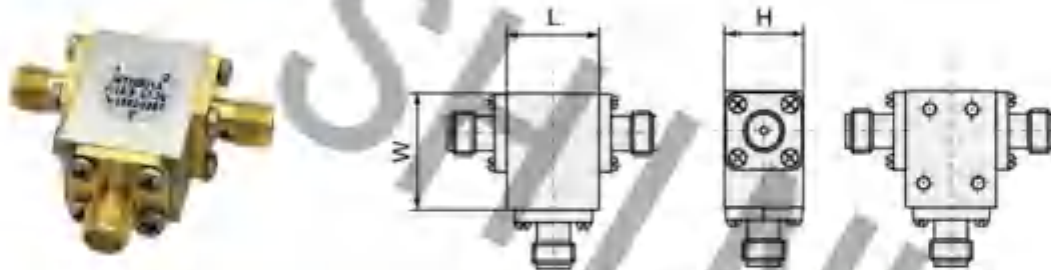
Coaxial Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°C)	Average Power (W.Max)	Size L*W*H (mm)	Connector Type
MTH0801S	0.8-2.7	30	0.4	50	1.15	-40~+85	200	60*33*20	SMA or N
		200	0.5	40	1.25				
MTH101G	0.4-0.6	10	0.3	23	1.20	-10~+70	100	28*26*13	SMA
	0.6-1.0	30	0.3	25	1.15				
	0.96-1.215	Full	0.4	20	1.25	-40~+85			
	1.2-1.8	200	0.3	20	1.25				
MTH101GS	0.4-0.6	10	0.6	45	1.20	-10~+70	150	53.4*26*13	SMA
	0.6-1.0	30	0.6	50	1.15				
	0.96-1.215	Full	0.7	40	1.25	-40~+85			
	1.2-1.8	200	0.6	40	1.25				
MTH101B	0.8-4.2	70	0.3	25	1.20	-40~+85	100	25.4*28.5*20 (Drawing A08)	SMA or N
	1.8-2.2	Full	0.4	20	1.25				
	2.3-2.7	Full	0.4	20	1.25				
	2.7-3.1	Full	0.4	20	1.25				
	3.1-3.6	Full	0.4	20	1.25				
	3.7-4.2	Full	0.4	20	1.25				
MTH101BS	0.8-4.2	30	0.5	50	1.15	-40~+85	100	50.8*28.5*20	SMA or N
	1.7-4.2	400	0.8	40	1.25				
MTH201B1	1.4-1.7	200	0.3	23	1.20	-40~+85	60	21*21*8	SMA

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

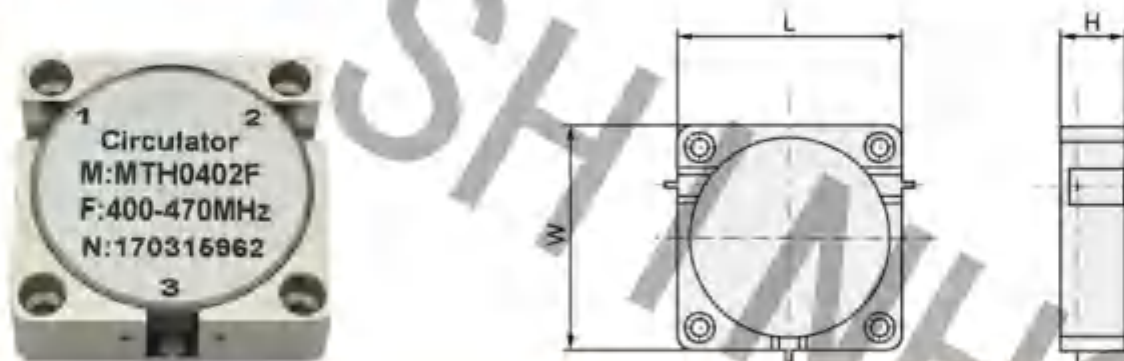
Coaxial Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB,Max)	Isolation (dB,Min)	VSWR (Max)	Operating Temperature (°C)	Weight Power (W,Max)	Size (L*W*H (mm))	Connector Type
MTH201B1	1.8-3.0	400	0.4	20	1.25	-40~+85	60	21*21*8	SMA
MTH201C	0.8-1.0	30	0.3	23	1.20	-30~+70	60	20*25.4*15	SMA
	1.0-1.4	70	0.3	23	1.20				
	1.4-1.8	200	0.3	23	1.20				
	1.8-4.0	400	0.4	20	1.25				
MTH201D	1.8-3.0	200	0.2	23	1.10	-10~+70	30	28*30*19	SMA or N
		400	0.3	23	1.20				
		600	0.4	20	1.25				
	1.8-2.7	Full	0.4	18	1.30				
	2-3	Full	0.3	19	1.26				
MTH201F	2.0-3.5	200	0.3	23	1.20	-30~+70	20	25*25*15	SMA
		400	0.4	20	1.20				
MTH401D	3.4-10	200	0.3	23	1.20	-30~+70	20	20*24*18	SMA or N
	4-10	1000	0.4	20	1.25				
	5-10	2000	0.4	18	1.30				
MTH401	3.3-8.0	200	0.2	25	1.20	-40~+85	20	16*21*14	SMA
		600	0.3	23	1.20				
		1000	0.4	23	1.20				
MTH501S	5-8.0	200	0.5	50	1.20	-40~+85	30	32*21*14	SMA or N
MTH501BS	4-8.0	2000	0.6	40	1.25	-40~+85	30	40*26*14	SMA or N
MTH1601A	7.0-16	500	0.3	23	1.20	-40~+85	10	12*15*10	SMA
	16-22	2000	0.4	20	1.25				
MTH801F3-N	8.0-12	500	0.3	21	1.2	-40~+85	10	17*22*19	N
	12-16	500	0.4	20	1.25				
MTH801A	5.8-8.0	500	0.3	23	1.2	-40~+85	10	15*19*13 (Drawing A09)	SMA
		2000	0.4	20	1.25				
	8.0-22	2000	0.4	20	1.25				
MTH801AS	7.0-12	500	0.6	50	1.15	-40~+85	10	30*19*13	SMA
	12-20	500	0.8	40	1.25				
MTH2030A	22-36	4000	0.6	18	1.3	-40~+85	5	12*15*12.8	2.92

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

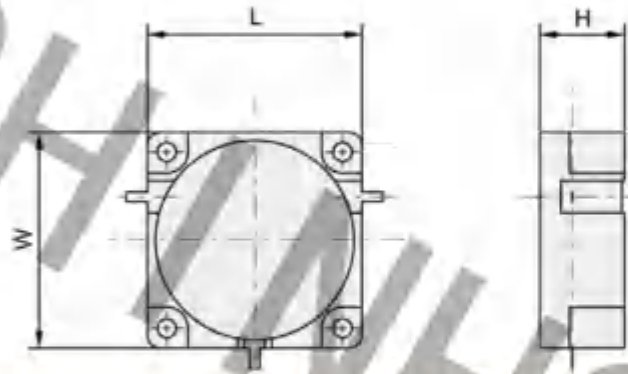
✦ Stripline Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°C)	Average Power (W.Max)	Size L*W*H (mm)	Connector Type
MTH0102B	0.13-0.17	4	0.4	23	1.20	-10~+60	200	51*51*15	TAB
	0.17-0.25	10	0.3	25	1.20				
MTH0202W	0.14-0.18	4	0.4	22	1.20	-10~+60	300	63*70*19	TAB
	0.18-0.3	10	0.3	22	1.20				
MTH0302	0.14-0.18	4	0.3	23	1.20	-10~+60	200	50*52*18	TAB
	0.18-0.3	20	0.4	20	1.25				
	0.3-0.4	6	0.25	25	1.15	-30~+70			
	0.38-0.47	Full	0.3	21	1.20				
	0.5-0.8	100	0.3	23	1.20	-30~+70			
	0.3-0.6	70	0.3	20	1.20				
MTH0402F	0.16-0.22	4	0.4	20	1.25	-10~+60	200	45*45*13	TAB
	0.22-0.35	20	0.3	22	1.20				
	0.37-0.5	Full	0.4	20	1.25	-30~+70			
	0.47-0.6	Full	0.3	20	1.20				
MTH0402B	0.5-0.8	100	0.3	23	1.20		150	35*38*13	TAB
	0.3-0.37	5	0.3	23	1.20	-10~+60			
	0.37-0.5	10	0.3	25	1.20				
	0.4-0.47	Full	0.35	20	1.20	-30~+70			
	0.4-0.6	100	0.4	19	1.25				
	0.6-0.8	Full	0.35	19	1.25				
	0.8-1.7	70	0.3	23	1.20				
MTH0602B	1.7-2.7	400	0.4	20	1.25		150	38*38*13	TAB
	0.35-0.5	20	0.3	23	1.20	-15~+60			
	0.5-0.8	100	0.3	22	1.20	-30~+70			
MTH0602C	0.6-1.0	100	0.3	23	1.20	-30~+70	100	32*32*11	TAB
MTH0602P1	1.0-3.0	200	0.3	20	1.25	-30~+70	500	31.8*31.8*10.8	TAB

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

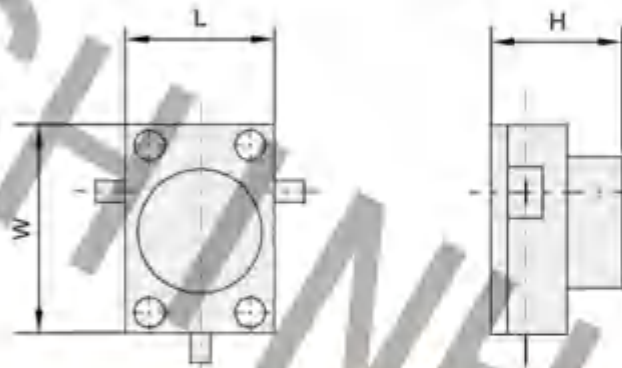
Stripline Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (℃)	Average Power (W.Max)	Size L*W*H (mm)	Connector Type
MTH0902B	0.4-0.47	Full	0.6	15	1.50	-10~+60	60	20*20*8.6	TAB
	0.4-0.5	Full	0.7	14	1.60				
	0.45-0.47	Full	0.5	20	1.25				
	0.4-0.5	Full	0.7	14	1.60				
	0.5-0.6	Full	0.6	16	1.40				
	0.7-0.86	Full	0.4	17	1.35	-30~+70	100	20*20*8.6	TAB
	0.8-0.96	Full	0.4	18	1.30				
	0.71-0.96	Full	0.8	14	1.65				
	0.99-1.13	Full	0.4	20	1.25				
	0.96-1.215	Full	0.5	18	1.30				
	1.1-1.3	Full	0.5	18	1.30				
	1.2-1.7	200	0.4	20	1.25				
	1.7-3.6	200	0.3	23	1.20				
MTH0902BS	0.8-3.0	25	0.6	50	1.20	-30~+70	60	40*20*8.6	TAB
	0.99-1.13	Full	0.8	40	1.25				
MTH102A1	0.25-0.35	20	0.5	18	1.30	-30~+70	200	25.4*25.4*10	TAB
	0.35-0.43	4	0.3	25	1.20				
	0.43-0.8	20	0.3	23	1.20				
	0.8-1.0	30	0.2	25	1.20	-40~+85			
	1.0-1.7	100	0.3	23	1.20				
	1.7-4.0	400	0.4	20	1.25				
MTH102K6	1.5-1.8	25	0.4	20	1.25	-40~+85	20	10*10*6	TAB
	1.8-2.8	50	0.3	23	1.20				
MTH202B	0.8-1.3	30	0.3	23	1.20	-40~+85	60	19*19*8	TAB
	1.3-1.7	100	0.3	23	1.20				

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

★ Stripline Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB, Max)	Isolation (dB, Min)	VSWR (Max)	Operating Temperature (°C)	Average Power (W, Max)	Size: L*W*H (mm)	Connector Type
MTH202B	1.3-1.7	30	0.25	23	1.15	-40~+85	60	19*19*8	TAB
	3.1-3.6	Full	0.4	20	1.25				
	3.3-3.8	Full	0.4	20	1.25				
MTH202D1	1.4-6.0	30	0.3	25	1.20	-40~+85	50	12.7*12.7*7.2	TAB
		70	0.4	23	1.20				
	2.5-2.7	Full	0.3	21	1.20				
	2.7-3.1	Full	0.3	21	1.20				
	3.2-3.6	Full	0.4	20	1.25				
	4.0-6.0	500	0.3	20	1.25				
MTH202H3	2.2-5.0	100	0.3	23	1.20	-40~+85	20	11.5*13*7.2	TAB
	2.7-5.0	300	0.4	20	1.25				
MTH402A	3.5-8.5	200	0.3	23	1.20	-40~+85	20	16*18*8.5	TAB
		500	0.4	20	1.25				
	5.0-8.5	1000	0.4	20	1.25				
MTH402C	3.3-8.5	200	0.3	23	1.20	-40~+85	30	16*22*10	TAB
	5.0-8.5	1000	0.4	20	1.20				
MTH402M	4.0-10	200	0.3	23	1.20	-40~+85	10	12.7*12.7*6.4	TAB
MTH702E	5.0-10	200	0.3	23	1.20	-40~+85	10	12.7*12.7*6.5	TAB
	6.0-15	2000	0.4	20	1.20				
	15-18	1000	0.4	20	1.25				
MTH1102B	6.0-14	200	0.3	23	1.20	-40~+85	10	8.9*12.5*7.8	TAB
	14-18	1000	0.4	20	1.25				
	18-24	2000	0.6	18	1.30				
MTH1102C	6.0-14	200	0.3	23	1.20	-40~+85	10	8.9*12.5*6.5	TAB
	14-18	1000	0.4	20	1.25				
	18-24	2000	0.6	18	1.30				
MTH902E	7.0-10	500	0.4	23	1.2	-40~+85	10	9*9*5.5	TAB
	10.0-18	500	0.4	20	1.25				
MTH1202E	12.0-18	500	0.4	23	1.2	-40~+85	10	7.6*10*5.4	TAB
	18-26	1000	0.5	18	1.3				
MTH2030A-W	26-36	2000	0.6	18	1.3	-40~+85	10	12*15*12.8	TAB

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

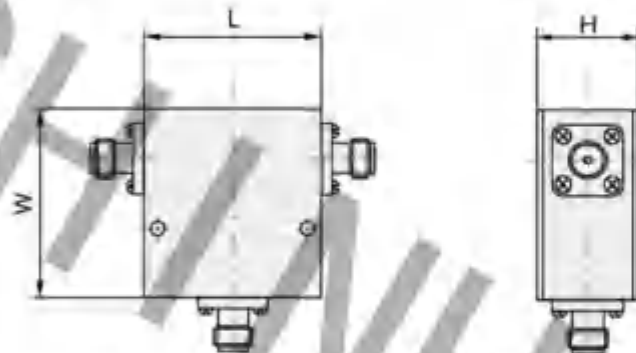
Broadband Isolators



Model No.	Frequency Range (GHz)	Band Width (GHz)	Insertion Loss (dB,Max)	Isolation (dB,Min)	VSWR (Max)	Operating Temperature (°C)	Forward Power (W,Max)	Reverse Power (W)	Size L*W*H (mm)	Connector Type
MTG101F1	1-2	Full	0.7	16	1.40	0~+60	60	60	70*80*21	SMA or N
MTG201-B2	1.35-2.7	Full	0.5	18	1.30	0~+60	50	20	50.8*49.5*19	SMA or N
	1.5-2.5	Full	0.4	20	1.25					
	1.7-2.7	Full	0.4	20	1.25					
MTG201D	2-3	Full	0.4	20	1.25	-10~+60	50	20	28*30*18	SMA or N
MTG301B	2-4	Full	0.6	18	1.35	-30~+70	60	20	32*34*18	SMA or N
MTG301B3-24A	2-4	Full	0.5	18	1.30	-30~+70	60	20	30.5*30.5*17	SMA
MTG101G-24	2-4	Full	0.5	20	1.25	-30~+70	50	20	28*26*13	SMA
MTG101M-24	2-4	Full	0.5	20	1.30	-30~+70	50	20	25.4*25.4*10	TAB
MTG301B-N26-100	2-6	Full	0.7	15	1.45	-30~+70	100	100	32*34*18	N
MTG2060G	2-6	Full	0.7	16	1.40	-30~+70	50	20	30.5*30.5*15	SMA
MTG401AS-28	2-8	Full	1.5	11	1.70	0~+60	30	20	60*42*19	SMA or N
MTG501B-20DB	4-8	Full	0.4	20	1.25	-40~+70	30	10	20*32*14	SMA or N
MTG501B	5-10	Full	0.5	17	1.35	-70~+70	30	10	20*32*14	SMA
MTG601D-20DB	3-6	Full	0.4	20	1.25	-30~+70	50	20	25*25*15	SMA
MTG701B	6-12	Full	0.4	18	1.30	-30~+70	10	10	16*26*13	SMA
MTG801F	8-12	Full	0.4	20	1.25	-40~+70	10	5	12*20*13 (Drawing A04)	SMA
	7-13	Full	0.6	17	1.35					
	10-15	Full	0.4	20	1.25					
	12-18	Full	0.5	20	1.25					
	10-18	Full	0.5	18	1.30					
MTG1201	8-18	Full	0.8	17	1.40	-40~+70	10	5	15*23*13	SMA
MTG1201C	6-18	Full	1.5	11	1.75	-40~+70	10	5	19*27*13	SMA
MTG1826	18-26.5	Full	0.7	20	1.30	-40~+70	10	3	12*20*13	2.92
MTG2030A	27-31	Full	0.6	18	1.30	-40~+70	10	3	12*15*12.8	2.92F
MTG2233	22-33	Full	0.8	15	1.40	-40~+70	10	3	12*15*12.8	2.92F
MTG2640	26.5-40	Full	1.2	14	1.60	-40~+70	10	3	13*26*16.8	2.92F
MTG4045	40-45	Full	0.9	15	1.50	-40~+70	5	1	15*23*13.7	2.4F
MTG4550	45-50	Full	1.2	15	1.50	-40~+70	5	1	15*23*13.7	2.4F

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

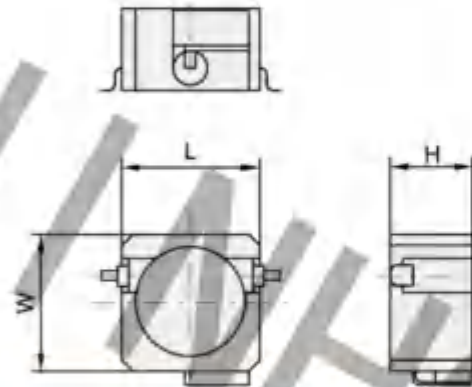
◆ Broadband Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB,Max)	Isolation (dB,Min)	VSWR (Max)	Operating Temperature (°C)	Average Power (W,Max)	Size (L*W*H) (mm)	Connector Type
MTH101F1	1-2	Full	0.7	15	1.40	0~+60	60	70*80*21	SMA or N
MTH201-B2	1.35-2.7	Full	0.6	17	1.35	0~+60	30	50.8*49.5*19	SMA or N
	1.5-2.5	Full	0.6	19	1.26				
	1.7-2.7	Full	0.4	19	1.26				
MTH201D	2-3	Full	0.4	19	1.26	-10~+60	30	28*30*18	SMA or N
MTH301B	2-4	Full	0.6	16	1.40	-30~+70	100	32*34*18	SMA or N
MTH301B	2-4	Full	0.6	18	1.35	-30~+70	100	32*34*18	SMA or N
MTH301B3-24A	2-4	Full	0.5	18	1.30	-30~+70	100	30.5*30.5*17	SMA
MTH101G-24	2-4	Full	0.5	20	1.25	-30~+70	20	28*26*13	SMA
MTH101M-24	2-4	Full	0.5	18	1.30	-30~+70	20	25.4*25.4*10	TAB
MTH301B-N26-100	2-6	Full	0.7	15	1.45	-30~+70	100	32*34*18	N
MTH401AS	2-6	Full	1.2	11	1.70	-30~+60	100	30.6*30.6*15	SMA
MTH2060G	2-6	Full	0.7	15	1.45	-30~+70	60	30.6*30.6*15	SMA
MTH501B-20dB	4-8	Full	0.4	20	1.25	-30~+70	20	20*26*14	SMA
MTH501B	4-8	Full	0.5	18	1.30	-30~+70	20	20*26*14 (Drawing B01)	SMA or N
	5-10	Full	0.5	17	1.35				
MTH601C	4-8	Full	0.4	18	1.30	-30~+70	20	19*19*13	SMA
MTH601D	3-6	Full	0.4	18	1.30	-30~+60	20	25*25*15	SMA
	3-7	Full	0.5	17	1.35				
MTH701B	6-12	Full	0.4	18	1.30	-40~+70	10	16*21*13	SMA
MTH801C	8-12	Full	0.5	20	1.25	-40~+70	10	15*19*13 (Drawing A09)	SMA
	10-15	Full	0.5	20	1.25				
	12-18	Full	0.5	18	1.30				
	10-18	Full	0.6	17	1.35				
MTH1201	10-18	Full	0.6	18	1.30	-40~+70	10	15*21*13	SMA
	8-18	Full	0.8	16	1.50				
MTH1201C	6-18	Full	1.5	11	1.80	-30~+70	10	19*22*13	SMA

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

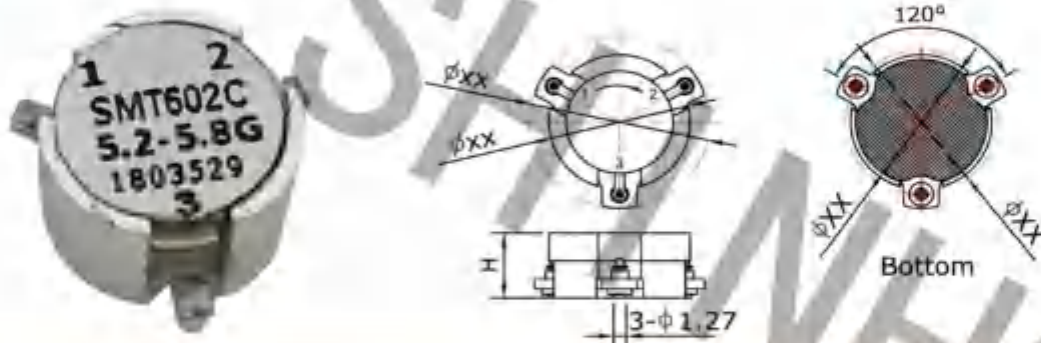
Surface Mount Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°C)	Forward Power (W.Max)	Reverse Power (W)	Size L*W*H (mm)	Connector Type
SMT254I	0.35-0.45	5	0.4	23	1.20	-10~+70	150	10	Φ25.4*9	SMT
	0.45-0.7	20	0.3	23	1.20	-40~+85				
	0.7-2.7	100	0.4	20	1.25	-40~+85				
SMT204I	0.8-1.4	25	0.3	23	1.20	-40~+85	60	5	Φ20.4*8	SMT
	1.4-2.7	60	0.3	23	1.20	-40~+85				
	2.7-4.0	300	0.3	20	1.25	-40~+85				
SMT18I	1.2-4.0	5%	0.4	23	1.20	-40~+85	100	100	Φ18*24.4*8	SMT
SMT0902BI	0.8-1.0	25	0.3	23	1.20	-40~+85	60	20	20*20*8.6	SMT
	1.0-4.0	100	0.3	23	1.20	-40~+85				
	1.8-4.0	200	0.3	23	1.20	-40~+85				
SMT102K6I	1.5-2.7	2%	0.4	20	1.25	-40~+85	20	10	10*10*6	SMT
SMT202D1I	1.3-2.4	20	0.4	23	1.20	-40~+85	50	30	12.7*12.7*7.2	SMT
	2.4-3.4	200	0.3	20	1.20	-40~+85				
	3.4-4.2	400	0.4	20	1.25	-40~+85				
SMT402MI	4.2-8.5	10%	0.4	20	1.25	-40~+85	50	30	12.7*12.7*6.4	SMT
SMT502I	4.5-8.5	10%	0.4	20	1.25	-40~+85	20	20	Φ12.7*6.5	SMT
SMT10I	3.0-10	5%	0.4	20	1.25	-40~+85	20	20	Φ10*7	SMT

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

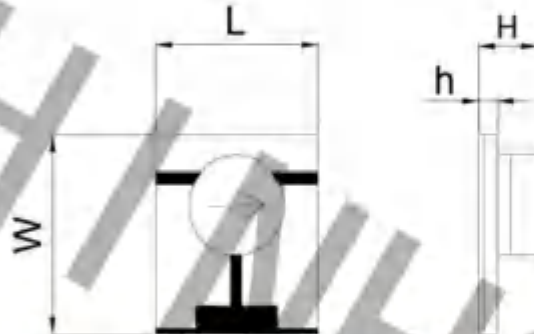
Surface Mount Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (°C)	Average Power (W)	Size L*W*H (mm)	Connector Type
SMT254C	0.35-0.45	5	0.4	23	1.20	-10~+70	150	Φ25.4*9	SMT
	0.45-0.7	30	0.3	23	1.20	-40~+85			
	0.7-2.7	100	0.4	20	1.25	-40~+85			
SMT102A1C	0.35-0.45	5	0.4	23	1.20	-10~+70	150	25.4*25.4*10	SMT
	0.45-0.7	20	0.3	23	1.20	-40~+85			
	0.7-2.7	100	0.3	23	1.20	-40~+85			
SMT204C	0.8-1.4	25	0.3	23	1.20	-10~+70	60	Φ20.4*8	SMT
	1.4-2.7	60	0.3	23	1.20	-40~+85			
	2.7-4.0	300	0.3	20	1.25	-40~+85			
SMT0902BC	0.8-1.0	25	0.3	23	1.20	-10~+70	60	20*20*8.6	SMT
	1.0-4.0	100	0.3	23	1.20	-40~+85			
	1.8-4.0	200	0.3	23	1.20	-40~+85			
SMT145C	1.7-4.0	5%	0.3	23	1.20	-40~+85	50	Φ14.5*7	SMT
SMT102K6C	1.5-2.7	2%	0.4	20	1.25	-40~+85	20	10*10*6	SMT
SMT202D1C	1.3-2.4	20	0.4	23	1.20	-10~+70	30	12.7*12.7*7.2	SMT
	2.4-3.4	200	0.3	20	1.25	-40~+85			
	3.4-4.2	400	0.4	20	1.25	-40~+85			
SMT402MC	4.2-8.5	10%	0.4	20	1.25	-40~+85	30	12.7*12.7*6.4	SMT
SMT502C	4.5-8.5	15%	0.4	20	1.25	-40~+85	20	Φ12.7*6.5	SMT
SMT602C	3.0-10	5%	0.4	20	1.25	-40~+85	20	Φ10*7	SMT

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

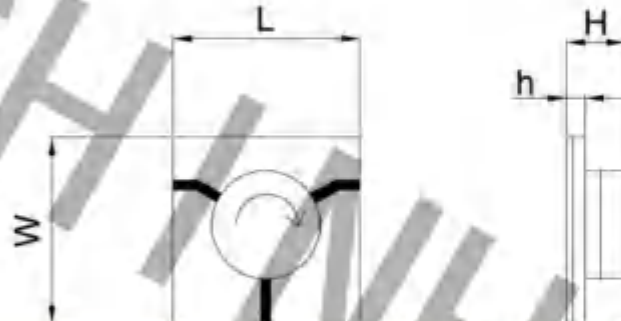
Microstrip Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (db.Max)	Isolation (db.Min)	VSWR (Max)	Operating Temperature (°C)	Reverse Power (W.Max)	Size L*W*H*H (mm)	Connector Type
YHI1416	3.0-4.0	500	0.5	20	1.20	-40~+70	2	14*16*5*1.5	GWB
		1000	0.6	18	1.30	-40~+70	2		
YHI1212	4.0-5.0	500	0.4	20	1.20	-40~+80	2	12*12*4*1.5	GWB
YHI1010	4.8-7.4	800	0.5	20	1.25	-40~+70	2	10*10*3.5*1.5	GWB
		1500	0.6	18	1.30	-40~+70	2		
YHI78	7.0-10.0	500	0.4	20	1.20	-55~+85	2	7*8*3*0.8	GWB
		2000	0.6	18	1.30	-55~+85	2		
YHI67A	8.0-12.0	1000	0.5	20	1.20	-55~+85	2	6*7*3*0.6	GWB
		4000	0.6	18	1.35	-55~+85	2		
YHI67B	10.0-18.0	1000	0.5	20	1.25	-55~+85	2	6*7*3*0.6	GWB
		3000	0.6	18	1.30				
YHI56	18.0-24.0	2000	0.6	18	1.30	-55~+85	1	5*6*3*0.6	GWB
		4000	0.9	16	1.40				
YHI55A	27-31	2000	0.6	18	1.30	-55~+85	1	5*5*3*0.5	GWB
		4000	0.9	18	1.40				
YHI55B	31-36	3000	0.9	20	1.40	-55~+85	1	5*5*3*0.5	GWB
		4500	1.1	18	1.40				

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

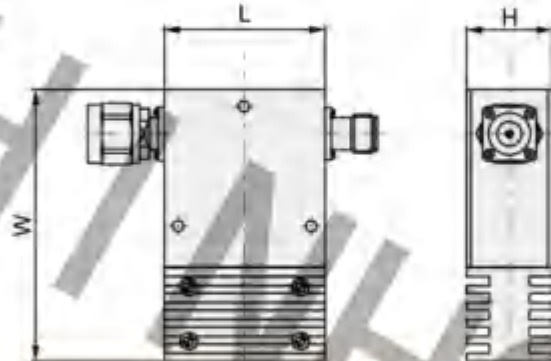
Microstrip Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (db,Max)	Isolation (db,Min)	VSWR (Max)	Operating Temperature (°C)	Average Power (W,Max)	Size L*W*H*h (mm)	Connector Type
YHC1515	2.7-3.5	800	0.6	18	1.30	-40~+70	15	15*15*5*1.5	GWB
YHC1414	3.0-4.0	500	0.5	20	1.20	-40~+70	15	14*14*5*1.5	GWB
YHC1212	4.0-5.0	500	0.4	20	1.20	-40~+70	15	12*12*4*1.5	GWB
YHC1010	4.8-7.4	500	0.5	20	1.25	-40~+70	10	10*10*3.5*1.5	GWB
		1000	0.6	18	1.30				
YHC77	6.0-8.0	500	0.5	20	1.20	-40~+70	10	7*7*3*0.8	GWB
YHC66A	8.0-12.0	1000	0.5	20	1.25	-55~+85	10	6*6*3*0.7	GWB
		2000	0.6	18	1.25				
		4000	0.6	16	1.35				
YHC66A1	10.0-18	1000	0.5	20	1.25	-55~+85	10	6*6*3*0.6	GWB
		2000	0.5	18	1.30				
		3000	0.6	18	1.35				
YHC66A2	18-24	2000	0.7	18	1.35	-55~+85	5	6*6*3*0.6	GWB
		4000	0.8	16	1.40				
YHC55	27-31	2000	0.6	18	1.30	-55~+85	5	5*5*3*0.6	BWB
		4000	0.9	16	1.40				
YHC4545	31-36	3000	1.0	17	1.40	-55~+85	5	4.5*4.5*3*0.5	GWB
		4500	1.1	16	1.50				

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

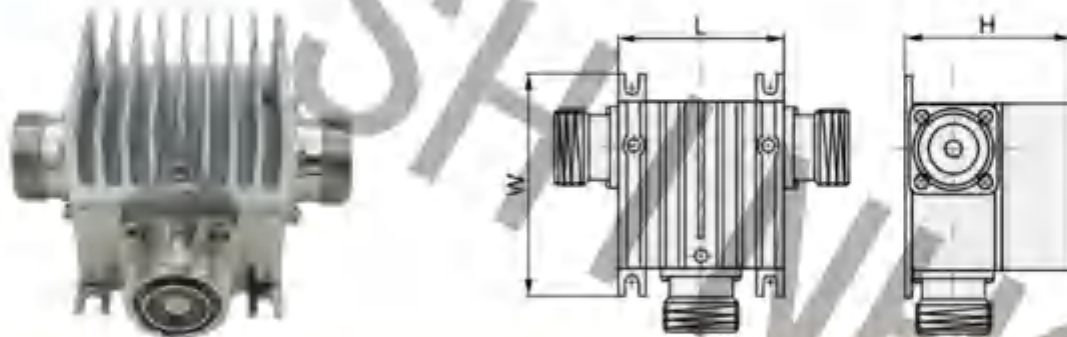
High Power Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (℃)	Average Power (W.Max)	Peak Power (W)	Size L*W*H (mm)	Connector Type
MTG0101F-P	0.15-1.0	15%	0.4	20	1.25	-20~+85	800~1200	10000	80*120*35	N or L29
MTG0601P1-X	0.3-0.6	20%	0.4	20	1.25	-30~+85	600~1000	8000	60*100*35	N or L29
	0.617-0.894	Full	0.5	17	1.35					
	0.698-0.96	Full	0.4	18	1.30					
	1.0-3.0	20%	0.4	20	1.25					
MTG201GP-X	0.3-0.4	Full	0.4	18	1.25	-10~+70	500	4000	52*88*28	N
	0.4-0.52	Full	0.4	23	1.25					
	0.6-0.8	Full	0.5	20	1.25	-20~+85				
	0.698-0.96	Full	0.5	18	1.30					
	1.0-3.0	15%	0.4	20	1.25					
MTG201FP-X	1.5-4.0	40%	0.4	21	1.20	-20~+75	350	3000	54*89*35	N
MTG301BP-X	2.0-4.0	200	0.3	23	1.20	-20~+75	250	2000	34*37.5*42.4	N
		30%	0.4	20	1.25					
MTG301BP-200	2.0-6.0	200	0.3	23	1.20	-20~+75	250	2000	34*67.8*43	N
MTG102F-P	2.0-6.0	10%	0.4	20	1.25	-30~+75	100	800	19*25.4*10	TAB
MTG401FP	4.5-9.0	10%	0.4	20	1.20	-30~+75	50	500	16*25.5*14	SMA
MTG801AP	9.0-18	10%	0.4	20	1.25	-40~+75	30	300	15*23.5*13	SMA

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

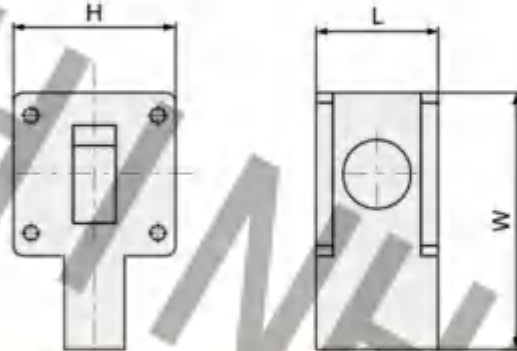
High Power Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB.Max)	Isolation (dB.Min)	VSWR (Max)	Operating Temperature (℃)	Average Power (W.Max)	Size L*W*H (mm)	Connector Type
MTH0101KP	0.1-0.4	20%	0.35	23	1.20	-20~+85	2000	160*160*102	L27 or L29
MTH0101F-P	0.15-1.0	15%	0.4	20	1.25	-20~+85	800~1200	80*80*35	N or L29
MTH0601P1-X	0.3-0.6	20%	0.4	20	1.25	-30~+85	600~1000	60*60*35	N or L29
	0.617-0.894	Full	0.5	17	1.35				
	0.698-0.96	Full	0.4	18	1.30				
	1.0-3.0	20%	0.4	20	1.25				
MTH201GP-X	0.3-0.4	Full	0.4	18	1.25	-10~+70	500	52*57.5*28 (Drawing B02)	N
	0.4-0.52	Full	0.4	20	1.25				
	0.6-0.8	Full	0.5	20	1.25	-20~+85			
	0.698-0.96	Full	0.5	18	1.30				
	1.0-3.0	15%	0.4	20	1.25				
MTH201FP-X	1.5-4.0	40%	0.4	21	1.20	-20~+70	350	54*58.5*35	N
MTH301BP-X	2.0-6.0	20%	0.3	23	1.20	-20~+70	250	34*37.5*42.4	N
		30%	0.4	20	1.25				
MTH0502D	0.2-0.8	10%	0.4	20	1.25	-30~+70	600	57*57*19	TAB
MTH0302P	0.2-0.8	10%	0.4	20	1.25	-30~+70	400	50*52*19	TAB
MTH0402BP	0.4-3.0	10%	0.4	20	1.25	-30~+70	300	35*38*13	TAB
MTH502G-P	4.0-7.0	10%	0.4	20	1.25	-40~+80	100	19*19*10	TAB
MTG401D-100	3.4-9.0	10%	0.4	20	1.25	-40~+80	100	20*24*18	SMA or N
MTH601CP	4.5-9.0	10%	0.4	20	1.25	-40~+80	60	19*19*13	TAB
MTH401FP	4.5-9.0	10%	0.4	20	1.20	-40~+80	60	16*21*14	SMA
MTH402MP	7.0-12	10%	0.4	20	1.25	-40~+80	60	12.7*12.7*6.4	TAB

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

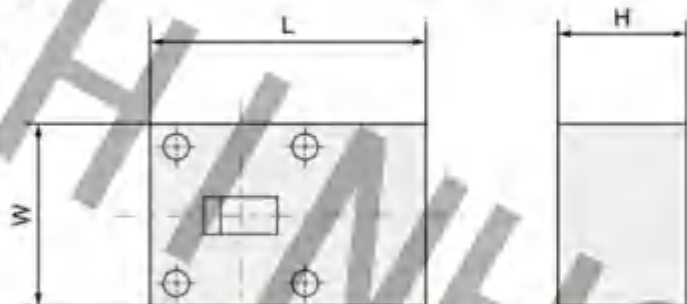
◆ Waveguide Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB, Max)	Isolation (dB, Min)	VSWR (Max)	Operating Temperature (°C)	Size L*W*H (mm)	Connector Type
MBG48	4.0-6.0	300	0.3	23	1.15	-30~+70	90*124.5*63.5	WR187 With sealing groove
MBG58	5.0-7.0	300	0.3	23	1.15	-30~+70	50*100*62	WR159
MBG70-45	5.38-8.2	500	0.3	25	1.20	-30~+70	42*95*49	WR137
		1000	0.4	20	1.25			
MBG84-62.2	7.25-8.4	Full	0.4	20	1.25	-40~+80	62.2*75.5*48	WR112
MBG84-62.2B	7.0-10.0	500	0.3	23	1.20	-40~+80	62.2*83.3*44.5	WR112
MBG84-36	7.0-10.0	1000	0.4	20	1.25	-40~+80	36*75.5*48	WR112
MBG100-12.7	8.2-12.5	300	0.3	25	1.20	-40~+80	12.7*48.5*42	WR90
MBG100-28A	8.2-12.5	1000	0.3	23	1.20	-40~+80	28*53*42	WR90 (Drawing B03)
		2000	0.4	20	1.25			
MBG120-12.7	9.9-15	300	0.3	20	1.20	-40~+80	12.7*43*38	WR75
	13.75-14.5	Full	0.3	20	1.20			

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

Waveguide Isolators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB,Max)	Isolation (dB,Min)	VSWR (Max)	Operating Temperature (°C)	Size L*W*H (mm)	Connector Type
MBG120-25	9.9-15	500	0.3	25	1.20	-40~+80	25*52*38	WR75
		1000	0.3	23	1.20			
		2000	0.4	20	1.25			
MBG120-28L	10-15	500	0.25	25	1.20	-40~+80	28*52*38	WR75 With sealing groove
		1000	0.3	23	1.20			
MBG140-12.7	12-18	500	0.3	23	1.20	-40~+80	12.7*38.3*33.3	WR62
		1000	0.4	20	1.20			
MBG140-21	12-18	1000	0.3	23	1.20	-40~+80	21*52*33.3	WR62
		2000	0.4	20	1.25			
MBG180-15A	14.5-22	1000	0.3	23	1.20	-40~+80	15*40*30.2	WR51
MBG220-12.7	17.6-26.7	500	0.3	25	1.15	-40~+80	12.7*32*22.4	WR42
		1000	0.4	23	1.20			
MBG220-12.7C	17.6-26.7	1000	0.3	23	1.20	-40~+80	12.7*38.1*22.3	WR42
		2000	0.4	20	1.25			
MBG260-15	21.7-33	1000	0.3	23	1.20	-40~+80	15*32*21.1	WR34
		2000	0.4	20	1.25			
MBG260-12.7	21.7-33	1000	0.3	23	1.20	-40~+80	12.7*32*21.1	WR34
		2000	0.4	20	1.25			
MTG320-10	26.5-40	1000	0.3	23	1.20	-40~+80	10*28*19.1	WR28
		2000	0.4	20	1.25			

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

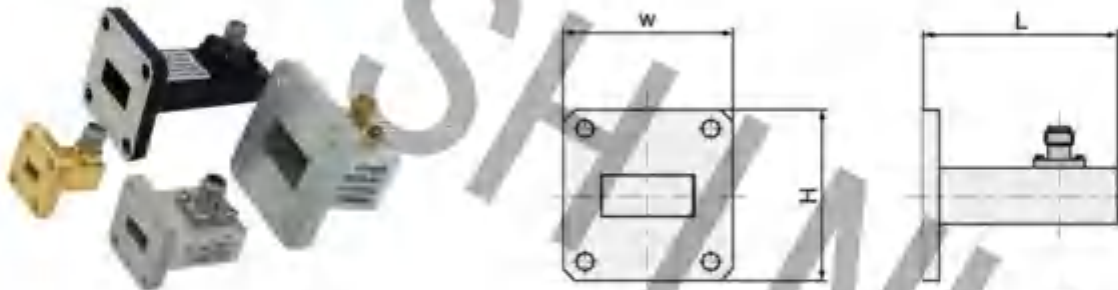
Waveguide Circulators



Model No.	Frequency Range (GHz)	Band Width (MHz)	Insertion Loss (dB,Max)	Isolation (dB,Min)	VSWR (Max)	Operating Temperature (°C)	Size L*W*H (mm)	Connector Type
MBH48	4.0-6.0	300	0.3	23	1.15	-30~+70	89*108*63.5	WR187 With sealing groove
MBH58	5.0-7.0	300	0.3	23	1.15	-30~+70	90*90.5*62	WR159
MBH70	5.9-8.5	300	0.3	22	1.20	-30~+70	70*70*49	WR137
MBH84-60	7.7-8.4	Full	0.4	25	1.15	-40~+80	60*65*47.8	WR112
		200	0.3	25	1.15			
MBH100-48	8-12.4	1000	0.3	23	1.15	-40~+80	48*53*42	WR90
		300	0.2	25	1.15			
MBH120-42	10-15	1000	0.3	25	1.15	-40~+80	42*48*38	WR75
		400	0.3	25	1.15			
MBH140-40	12-18	10001	0.4	23	1.20	-40~+80	40*40*33.3	WR62
MBH180-32	14.5-22	1000	0.3	23	1.20	-40~+80	32*35*30.2	WR51
		1000	0.3	25	1.20			
MBH220-24	17.6-26.7	2000	0.4	20	1.25	-40~+80	24*27*22.4	WR42
MBH260-22.3	21.7-33	1000	0.3	23	1.20	-40~+80	22.3*27*21.2	WR34
		500	0.3	25	1.15			
		1000	0.3	23	1.20			
MBH320-21	26.5-40	3000	0.5	18	1.30	-40~+80	21*24*19.1	WR28
MBH320-10	26.5-40	500	0.3	25	1.15	-40~+80	10*24.5*19.1	WR28

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

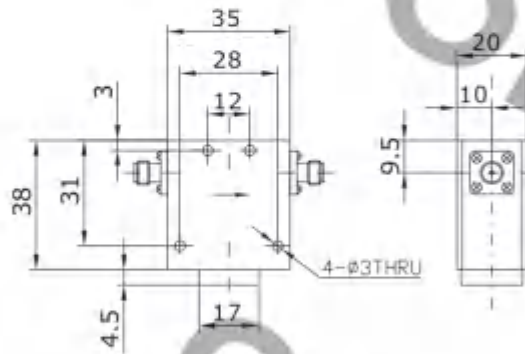
✦ Waveguide-Coaxial Adaptors



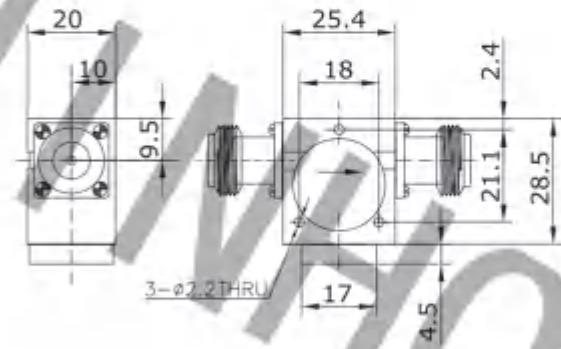
Model No.	Frequency Range (GHz)	Insertion Loss (db,Max)	VSWR (Max)	Operating Temperature (°C)	Average Power (W)	Waveguide Type	Connector Type
MBT22	1.7-2.6	0.2	1.20	-55~+85	100	WR430	SMA/N
MBT26	2.2-2.3	0.2	1.20	-55~+85	100	WR340	SMA/N
MBT32	2.6-3.95	0.15	1.25	-55~+85	100	WR284	SMA/N
MBT40	3.3-4.9	0.3	1.20	-55~+85	100	WR229	SMA/N
MBT48	3.95-5.85	0.15	1.20	-55~+85	100	WR187	SMA/N
MBT58	4.9-7.05	0.15	1.20	-55~+85	100	WR159	SMA/N
MBT70	5.85-8.2	0.15	1.25	-55~+85	50	WR137	SMA/N
MBT84	7.05-10.0	0.15	1.20	-55~+85	50	WR112	SMA/N
MBT100	8.2-12.4	0.15	1.20	-55~+85	50	WR90	SMA/N
MBT120	10.0-15.0	0.15	1.20	-55~+85	50	WR75	SMA/N
MBT140	12.4-18.0	0.2	1.20	-55~+85	50	WR62	SMA/N
MBT180	15.0-22.0	0.2	1.20	-55~+85	50	WR51	SMA
MBT220	18.0-26.5	0.2	1.25	-55~+85	50	WR42	2.92mm
MBT260	22.0-33.0	0.2	1.20	-55~+85	50	WR34	2.92mm
MBT320	26.5-40.0	0.2	1.25	-55~+85	50	WR28	2.92mm
MBT400	33.0-50.0	0.2	1.25	-55~+85	50	WR22	2.4mm

Note: All of the above are electrical performance specifications within the bandwidth at normal temperature

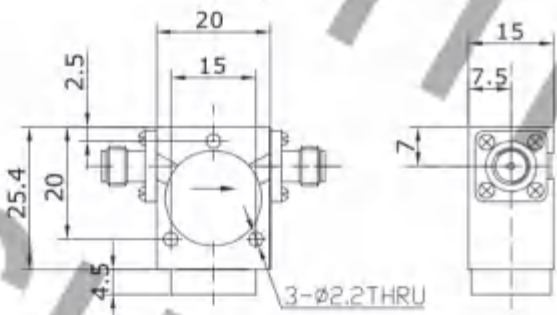
Package Drawing A01



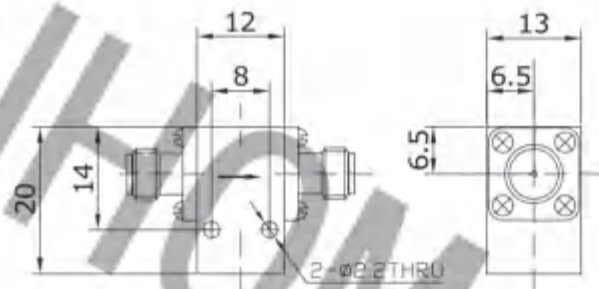
Package Drawing A02



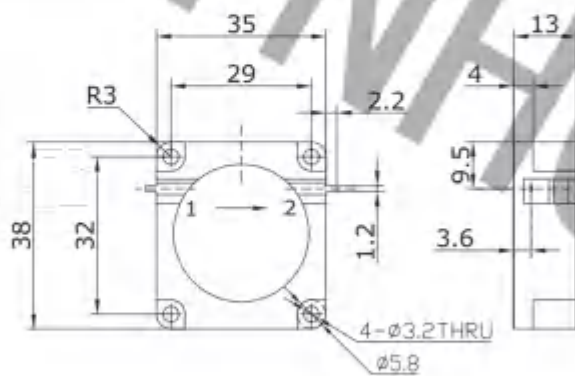
Package Drawing A03



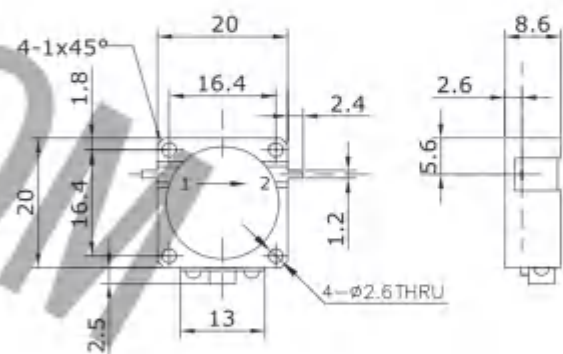
Package Drawing A04



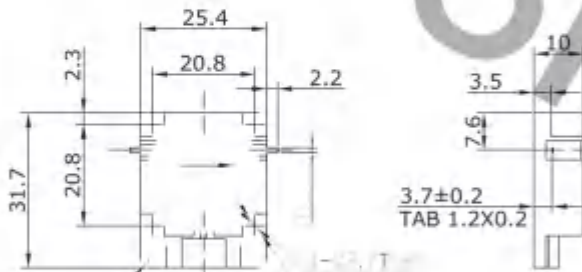
Package Drawing A05



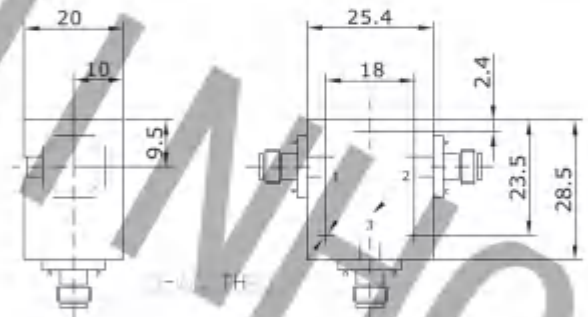
Package Drawing A06



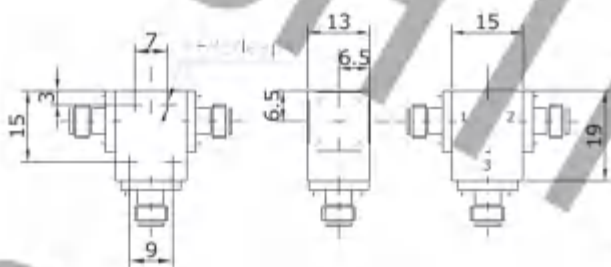
Package Drawing A07



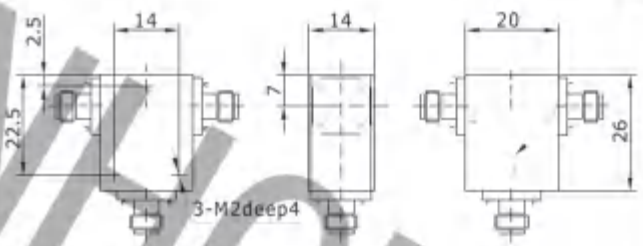
Package Drawing A08



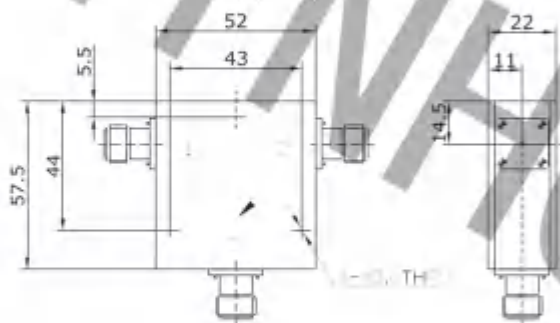
Package Drawing A09



Package Drawing B01



Package Drawing B02



Package Drawing B03

