

FEATURES

- Image Frequency Interference Resistant
- Frequency:0.5~18GHZ
- Image Suppression:25dBc(type)
- Field Removable SMA(F)Connectoe,Drop-IN Type
- Low Lo Drive Power
- Low Conversion Loss



APPLICATIONS

- Test Equipment
- Radar &Electronic Warfare
- Communication systems

SPECIFICATIONS@25°C:

Part Number	RF Frequency (GHz)	LO Frequency (GHz)	IF Frequency (MHz)	LO Power (dBm)	Conversion Loss (dB)	Image rejection (dBc)	Isolation (dB) L-R	Isolation (dB) L-I	Input P1dB (dBm)	Input IP3 (dBm)	Single Sideband Noise(dB)	Case Type
MMB0102R0204LD	1-2	1-2	20-40	10	6.5	20	20	20	6	15	6.5	MB6
MMB0102R0204MD	1-2	1-2	20-40	13	6.5	20	20	20	6	15	6.5	MB6
MMB0102R0204HD	1-2	1-2	20-40	17	6.5	20	20	20	6	15	6.5	MB6
MMB0102R0408LD	1-2	1-2	40-80	10	6.5	20	20	20	6	15	6.5	MB6
MMB0102R0408MD	1-2	1-2	40-80	13	6.5	20	20	20	6	15	6.5	MB6
MMB0102R0408HD	1-2	1-2	40-80	17	6.5	20	20	20	6	15	6.5	MB6
MMB0102R1020LD	1-2	1-2	100-200	10	6.5	20	20	20	6	15	6.5	MB6
MMB0102R1020MD	1-2	1-2	100-200	13	6.5	20	20	20	6	15	6.5	MB6
MMB0102R1020HD	1-2	1-2	100-200	17	6.5	20	20	20	6	15	6.5	MB6
MMB0104R0204LD	1-4	1-4	20-40	10	8.5	20	20	20	6	15	8.5	MB6
MMB0104R0204MD	1-4	1-4	20-40	13	8.5	20	20	20	6	15	8.5	MB6
MMB0104R0204HD	1-4	1-4	20-40	17	8.5	20	20	20	6	15	8.5	MB6
MMB0104R0408LD	1-4	1-4	40-80	10	8.5	20	20	20	6	15	8.5	MB6
MMB0104R0408MD	1-4	1-4	40-80	13	8.5	20	20	20	6	15	8.5	MB6
MMB0104R0408HD	1-4	1-4	40-80	17	8.5	20	20	20	6	15	8.5	MB6
MMB0104R1020LD	1-4	1-4	100-200	10	8.5	20	20	20	6	15	8.5	MB6
MMB0104R1020MD	1-4	1-4	100-200	13	8.5	20	20	20	6	15	8.5	MB6
MMB0104R1020HD	1-4	1-4	100-200	17	8.5	20	20	20	6	15	8.5	MB6
MMB0204R0204LD	2-4	2-4	20-40	10	6	25	30	25	6	15	6	MB7
MMB0204R0204MD	2-4	2-4	20-40	13	6	25	30	25	6	15	6	MB7
MMB0204R0204HD	2-4	2-4	20-40	17	6	25	30	25	6	15	6	NB7
MMB0204R0408LD	2-4	2-4	40-80	10	6	25	30	25	6	15	6	MB7
MMB0204R0408MD	2-4	2-4	40-80	13	6	25	30	25	6	15	6	MB7



IMAGE REJECTION MIXER

Part Number	RF Frequency (GHz)	LO Frequency (GHz)	IF Frequency (MHz)	LO Power (dBm)	Conversion Loss (dB)	Image rejection (dBc)	Isolation (dB) L-R	Isolation (dB) L-I	Input P1dB (dBm)	Input IP3 (dBm)	Single Sideband Noise(dB)	Case Type
MMB0204R0408HD	2/4	2/4	40-80	17	6	25	30	25	6	15	6	MB7
MMB0204R1020LD	2/4	2/4	100-200	10	6	25	30	25	6	15	6	MB7
MMB0204R1020MD	2/4	2/4	100-200	13	6	25	30	25	6	15	6	MB7
MMB0204R1020HD	2/4	2/4	100-200	17	6	25	30	25	6	15	6	MB7
MMB3129R0204MD	2.9-3.1	2.9-3.1	20-40	13	6	25	30	25	6	15	6	MB5
MMB0408R0204LD	4/8	4/8	20-40	10	7	25	35	30	6	15	7	MB5
MMB0408R0204MD	4/8	4/8	20-40	13	7	25	35	30	6	15	7	MB5
MMB0408R0204HD	4/8	4/8	20-40	17	7	25	35	30	6	15	7	MB5
MMB0408R0408LD	4/8	4/8	40-80	10	7	25	35	30	6	15	7	MB5
MMB0408R0408MD	4/8	4/8	40-80	13	7	25	35	30	6	15	7	MB5
MMB0408R0408HD	4/8	4/8	40-80	17	7	25	35	30	6	15	7	MB5
MMB0408R1020LD	4/8	4/8	100-200	10	7	25	35	30	6	15	7	MB5
MMB0408R1020MD	4/8	4/8	100-200	13	7	25	35	30	6	15	7	MB5
MMB0408R1020HD	4/8	4/8	100-200	17	7	25	35	30	6	15	7	MB5
MMB0410R0204LD	4/10	4/10	20-40	10	7.5	23	25	25	6	15	7.5	MB5
MMB0410R0204MD	4/10	4/10	20-40	13	7.5	23	25	25	6	15	7.5	MB5
MMB0410R0204HD	4/10	4/10	20-40	17	7.5	23	25	25	6	15	7.5	MB5
MMB0410R0408LD	4/10	4/10	40-80	10	7.5	23	25	25	6	15	7.5	MB5
MMB0410R0408MD	4/10	4/10	40-80	13	7.5	23	25	25	6	15	7.5	MB5
MMB0410R0408HD	4/10	4/10	40-80	17	7.5	23	25	25	6	15	7.5	MB5
MMB0410R1020LD	4/10	4/10	100-200	10	7.5	23	25	25	6	15	7.5	MB5
MMB0410R1020MD	4/10	4/10	100-200	13	7.5	23	25	25	6	15	7.5	MB5
MMB0410R1020HD	4/10	4/10	100-200	17	7.5	23	25	25	6	15	7.5	MB5
MMB5459R0204LD	5.4-5.9	5.4-5.9	20-40	10	9	20	25	22	10	15	9	MB5
MMB5459R0204MD	5.4-5.9	5.4-5.9	20-40	13	9	20	25	22	10	15	9	MB5
MMB5459R0204HD	5.4-5.9	5.4-5.9	20-40	17	9	20	25	22	10	15	9	MB5
MMB5459R0408LD	5.4-5.9	5.4-5.9	40-80	10	9	20	25	22	10	15	9	MB5
MMB5459R0408MD	5.4-5.8	5.4-5.8	40-80	13	9	20	25	22	10	15	9	MB5
MMB5459R0408HD	5.4-5.9	5.4-5.9	40-80	17	9	20	25	22	10	15	9	MB5
MMB5459R1020LD	5.4-5.9	5.4-5.9	100-200	10	9	20	25	22	10	15	9	MB5
MMB5459R1020MD	5.4-5.9	5.4-5.9	100-200	13	9	20	25	22	10	15	9	MB5
MMB5459R1020HD	5.4-5.9	5.4-5.9	100-200	17	9	20	25	22	10	15	9	MB5
MMB0612R0204LD	6-12	6-12	20-40	10	7	20	30	30	6	15	7	MB5



IMAGE REJECTION MIXER

Part Number	RF Frequency (GHz)	LO Frequency (GHz)	IF Frequency (MHz)	LO Power (dBm)	Conversion Loss (dB)	Image rejection (dBc)	Isolation (dB) L-R	Isolation (dB) L-I	Input P1dB (dBm)	Input IP3 (dBm)	Single Sideband Noise(dB)	Case Type
MMB0612R0204MD	6-12	6-12	20-40	13	7	20	30	30	6	15	7	MB5
MMB0612R0204HD	6-12	6-12	20-40	17	7	20	30	30	6	15	7	MB5
MMB0618R0204LD	6-18	6-18	20-40	10	8	25	35	30	6	15	8	MB5
MMB0618R0204MD	6-18	6-18	20-40	13	8	25	35	30	6	15	8	MB5
MMB0618R0204HD	6-18	6-18	20-40	17	8	25	35	30	6	15	8	MB5
MMB0618R0408LD	6-18	6-18	40-80	10	8	25	35	30	6	15	8	MB5
MMB0618R0408MD	6-18	6-18	40-80	13	8	25	35	30	6	15	8	MB5
MMB0618R0408HD	6-18	6-18	40-80	17	8	25	35	30	6	15	8	MB5
MMB0618R1020LD	6-18	6-18	100-200	10	8	25	35	30	6	15	8	MB5
MMB0618R1020MD	6-18	6-18	100-200	13	8	25	35	30	6	15	8	MB5
MMB0618R1020HD	6-18	6-18	100-200	17	8	25	35	30	6	15	8	MB5
MMB0812R0204LD	8-12	8-12	20-40	10	7	25	40	35	6	15	7	MB5
MMB0812R0204MD	8-12	8-12	20-40	13	7	25	40	35	6	15	7	MB5
MMB0812R0204HD	8-12	8-12	20-40	17	7	25	40	35	6	15	7	MB5
MMB0812R0408LD	8-12	8-12	40-80	10	7	25	40	35	6	15	7	MB5
MMB0812R0408MD	8-12	8-12	40-80	13	7	25	40	35	6	15	7	MB5
MMB0812R0408HD	8-12	8-12	40-80	17	7	25	40	35	6	15	7	MB5
MMB0812R1020LD	8-12	8-12	100-200	10	7	25	40	35	6	15	7	MB5
MMB0812R1020MD	8-12	8-12	100-200	13	7	25	40	35	6	15	7	MB5
MMB0812R1020HD	8-12	8-12	100-200	17	7	25	40	35	6	15	7	MB5
MMB0816R0204LD	8-16	8-16	20-40	10	8	20	20	20	6	15	8	MB5
MMB0816R0204MD	8-16	8-16	20-40	13	8	20	20	20	6	15	8	MB5
MMB0816R0204HD	8-16	8-16	20-40	17	8	20	20	20	6	15	8	MB5
MMB0816R0408LD	8-16	8-16	40-80	10	8	20	20	20	6	15	8	MB5
MMB0816R0408MD	8-16	8-16	40-80	13	8	20	20	20	6	15	8	MB5
MMB0816R0408HD	8-16	8-16	40-80	17	8	20	20	20	6	15	8	MB5
MMB0816R1020MD	8-16	8-16	100-200	13	8	20	20	20	6	15	8	MB5
MMB0816R1020LD	8-16	8-16	100-200	10	8	20	20	20	6	15	8	MB5
MMB0816R1020HD	8-16	8-16	100-200	17	8	20	20	20	6	15	8	MB5
MMB0818R0204LD	8-18	8-18	20-40	10	7.5	20	25	25	6	15	7.5	MB5
MMB0818R0204MD	8-18	8-18	20-40	13	7.5	20	25	25	6	15	7.5	MB5
MMB0818R0204HD	8-18	8-18	20-40	17	7.5	20	25	25	6	15	7.5	MB5
MMB0818R0408LD	8-18	8-18	40-80	10	7.5	20	25	25	6	15	7.5	MB5



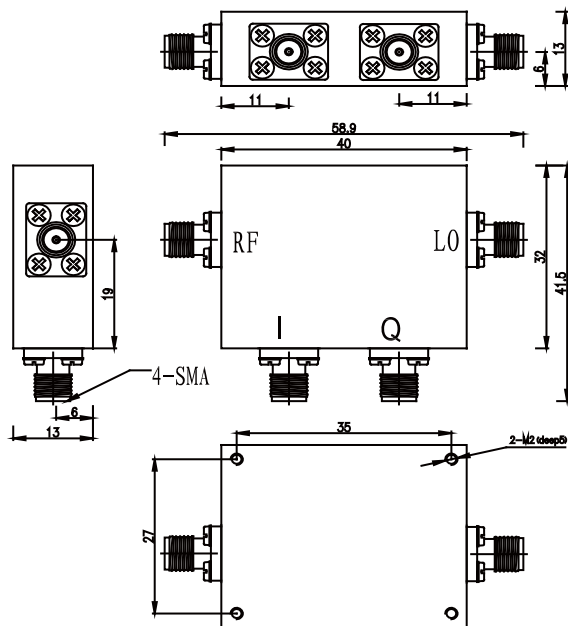
IMAGE REJECTION MIXER

Part Number	RF Frequency (GHz)	LO Frequency (GHz)	IF Frequency (MHz)	LO Power (dBm)	Conversion Loss (dB)	Image rejection (dBc)	Isolation (dB) L-R	Isolation (dB) L-I	Input P1dB (dBm)	Input IP3 (dBm)	Single Sideband Noise(dB)	Case Type
MMB0818R0408MD	8-18	8-18	40-80	13	7.5	20	25	25	6	15	7.5	MB5
MMB0818R0408HD	8-18	8-18	40-80	17	7.5	20	25	25	6	15	7.5	MB5
MMB0818R1020LD	8-18	8-18	100-200	10	7.5	20	25	25	6	15	7.5	MB5
MMB0818R1020MD	8-18	8-18	100-200	13	7.5	20	25	25	6	15	7.5	MB5
MMB0818R1020HD	8-18	8-18	100-200	17	7.5	20	25	25	6	15	7.5	MB5
MMB0809R0816MD	8.5-9.5	8.38-9.38	80-160	7-9	7	25	35	25(Min)	-6	/	/	MB30
MMB8596R0204LD	8.5-9.6	8.5-9.6	20-40	10	9	20	25	22	10	15	9	MB5
MMB8596R0204MD	8.5-9.6	8.5-9.6	20-40	13	9	20	25	22	10	15	9	MB5
MMB8596R0204HD	8.5-9.6	8.5-9.6	20-40	17	9	20	25	22	10	15	9	MB5
MMB8596R0408LD	8.5-9.6	8.5-9.6	40-80	10	9	20	25	22	10	15	9	MB5
MMB8596R0408MD	8.5-9.6	8.5-9.6	40-80	13	9	20	25	22	10	15	9	MB5
MMB8596R0408HD	8.5-9.6	8.5-9.6	40-80	17	9	20	25	22	10	15	9	MB5
MMB8596R1020LD	8.5-9.6	8.5-9.6	100-200	10	9	20	25	22	10	15	9	MB5
MMB8596R1020MD	8.5-9.6	8.5-9.6	100-200	13	9	20	25	22	10	15	9	MB5
MMB8596R1020HD	8.5-9.6	8.5-9.6	100-200	17	9	20	25	22	10	15	9	MB5
MMB9292R0707MD	9.2	9.2-7.3MHz	7.5MHz	15	10	/	35	20	10	/	/	MB33
MMB1018R0204LD	10-18	10-18	20-40	10	7.5	20	25	25	6	15	7.5	MB5
MMB1018R0204MD	10-18	10-18	20-40	13	7.5	20	25	25	6	15	7.5	MB5
MMB1018R0204HD	10-18	10-18	20-40	17	7.5	20	25	25	6	15	7.5	MB5
MMB1018R0408LD	10-18	10-18	40-80	10	7.5	20	25	25	6	15	7.5	MB5
MMB1018R0408MD	10-18	10-18	40-80	13	7.5	20	25	25	6	15	7.5	MB5
MMB1018R0408HD	10-18	10-18	40-80	17	7.5	20	25	25	6	15	7.5	MB5
MMB1018R1020LD	10-18	10-18	100-200	10	7.5	20	25	25	6	15	7.5	MB5
MMB1018R1020MD	10-18	10-18	100-200	13	7.5	20	25	25	6	15	7.5	MB5
MMB1018R1020HD	10-18	10-18	100-200	17	7.5	20	25	25	6	15	7.5	MB5
MMB1218R0204LD	12-18	12-18	20-40	10	7	25	30	30	6	15	7	MB5
MMB1218R0204MD	12-18	12-18	20-40	13	7	25	30	30	6	15	7	MB5
MMB1218R0204HD	12-18	12-18	20-40	17	7	25	30	30	6	15	7	MB5
MMB1218R0408LD	12-18	12-18	40-80	10	7	25	30	30	6	15	7	MB5
MMB1218R0408MD	12-18	12-18	40-80	13	7	25	30	30	6	15	7	MB5
MMB1218R0408HD	12-18	12-18	40-80	17	7	25	30	30	6	15	7	MB5
MMB1218R1020LD	12-18	12-18	100-200	10	7	25	30	30	6	15	7	MB5
MMB1218R1020MD	12-18	12-18	100-200	13	7	25	30	30	6	15	7	MB5
MMB1218R1020HD	12-18	12-18	100-200	17	7	25	30	30	6	15	7	MB5

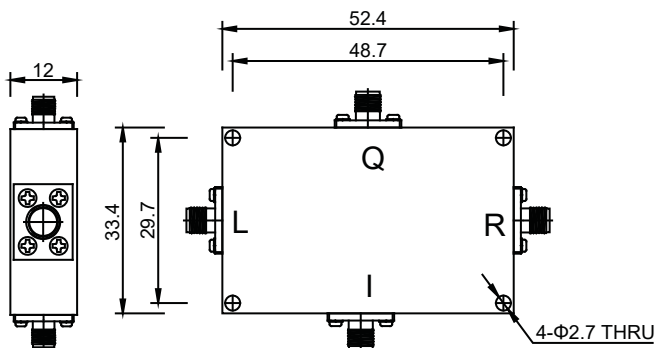


IMAGE REJECTION MIXER

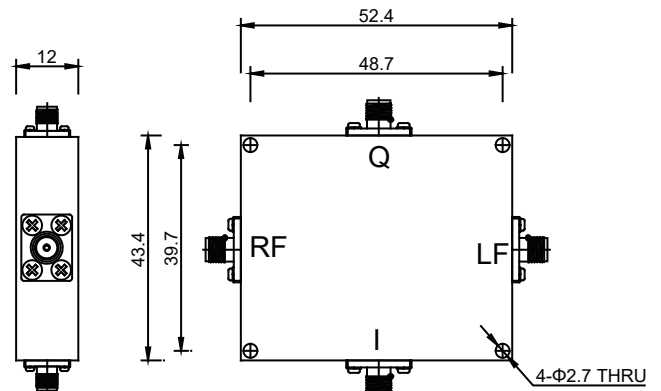
Part Number	RF Frequency (GHz)	LO Frequency (GHz)	IF Frequency (MHz)	LO Power (dBm)	Conversion Loss (dB)	Image rejection (dBc)	Isolation (dB) L-R	Isolation (dB) L-I	Input P1dB (dBm)	Input IP3 (dBm)	Single Sideband Noise(dB)	Case Type
MMB1826R0204LD	18-26	18-26	20-40	10	10	18	50	20	10	15	10	MB5
MMB1826R0204MD	18-26	18-26	20-40	13	10	18	50	20	10	15	10	MB5
MMB1826R0204HD	18-26	18-26	20-40	17	10	18	50	20	10	15	10	MB5
MMB1826R0408LD	18-26	18-26	40-80	10	10	18	50	20	10	15	10	MB5
MMB1826R0408MD	18-26	18-26	40-80	13	10	18	50	20	10	15	10	MB5
MMB1826R0408HD	18-26	18-26	40-80	17	10	18	50	20	10	15	10	MB5
MMB1826R1020LD	18-26	18-26	100-200	10	10	18	50	20	10	15	10	MB5
MMB1826R1020MD	18-26	18-26	100-200	13	10	18	50	20	10	15	10	MB5
MMB1826R1020HD	18-26	18-26	100-200	17	10	18	50	20	10	15	10	MB5
MMB2640R0204LD	26-40	26-40	20-40	10	9	18	25	25	7	15	9	MB5
MMB2640R0204MD	26-40	26-40	20-40	13	9	18	25	25	7	15	9	MB5
MMB2640R0204HD	26-40	26-40	20-40	17	9	18	25	25	7	15	9	MB5
MMB2640R0408LD	26-40	26-40	40-80	10	9	18	25	25	7	15	9	MB5
MMB2640R0408MD	26-40	26-40	40-80	13	9	18	25	25	7	15	9	MB5
MMB2640R0408HD	26-40	26-40	40-80	17	9	18	25	25	7	15	9	MB5
MMB2640R1020LD	26-40	26-40	100-200	10	9	18	25	25	7	15	9	MB5
MMB2640R1020MD	26-40	26-40	100-200	13	9	18	25	25	7	15	9	MB5
MMB2640R1020HD	26-40	26-40	100-200	17	9	18	25	25	7	15	9	MB5



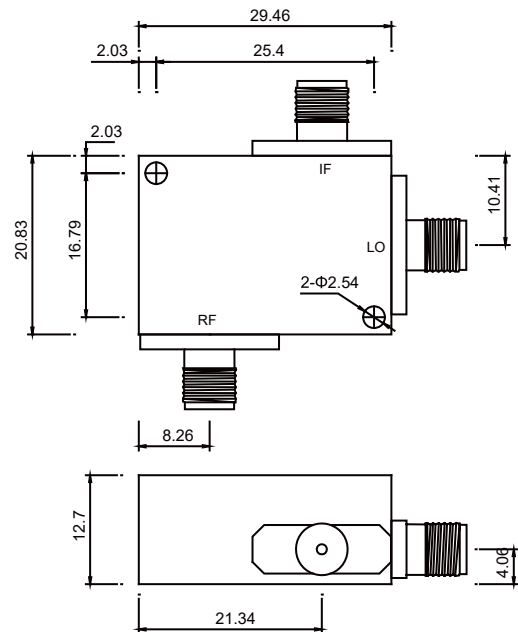
MB5



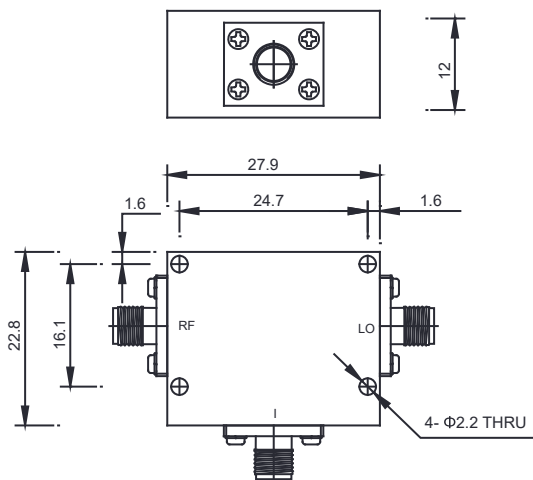
BM7



MB6



MB30



MB33