

FEATURES

- IF Can Cover DC-3.5 GHz
- High Image Rejection and Isolation
- Excellent Amplitude&Phase Balance
- SMA(F) Connector,Drop-IN Type
- Low Lo Drive Power
- Low Conversion Loss



APPLICATIONS

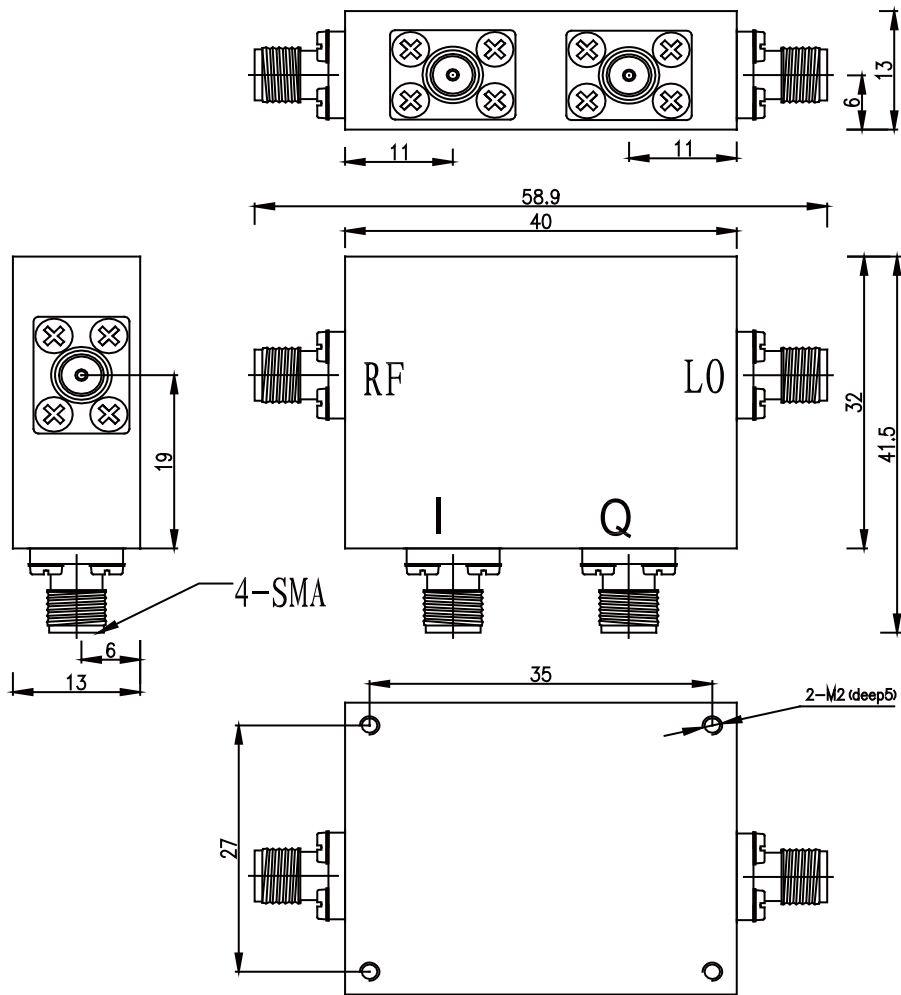
- Test Equipment
- Radar & Electronic Warfare
- Communication systems

SPECIFICATIONS@25°C:

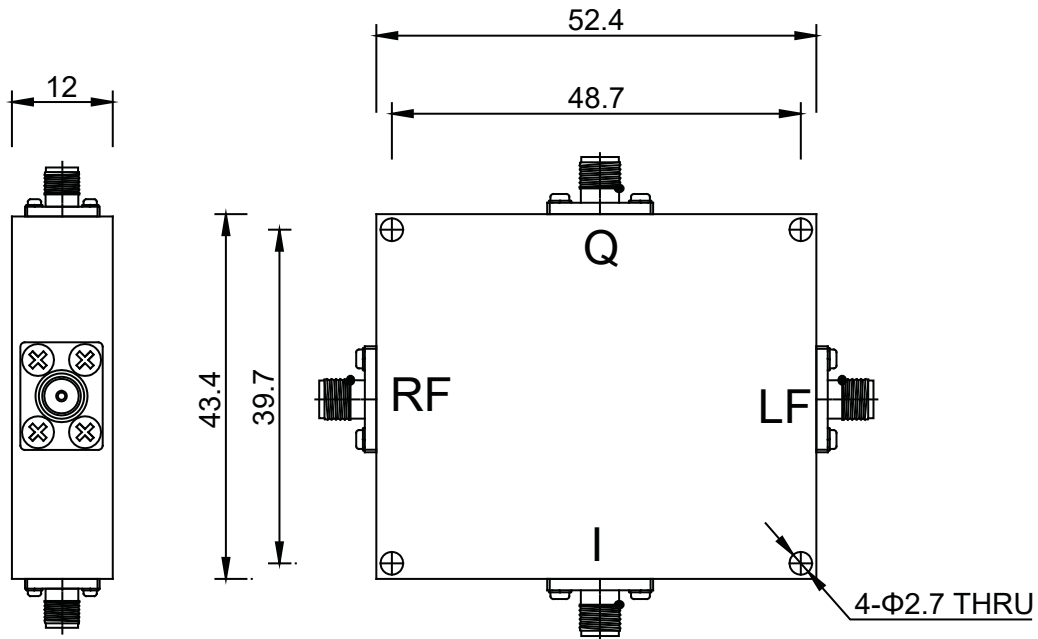
Part Number	RF Frequency (GHz)	LO Frequency (GHz)	IF Frequency (MHz)	LO Power (dBm)	Conversion Loss (dB)	Image rejection (dBc)	Isolation (dB) L-R	Isolation (dB) L-I	Input P1dB (dBm)	Input IP3 (dBm)	Amplitude balance (dB)	Phase balance (deg)	Case Type
MMB0501Q10L	0.5-1	0.5-1	DC-1000	10	7.5	35	45	20	14	24	0.2	5	MB5
MMB0501Q10M	0.5-1	0.5-1	DC-1000	13	7.5	35	45	20	14	24	0.2	5	MB42
MMB0501Q10H	0.5-1	0.5-1	DC-1000	17	7.5	35	45	20	14	24	0.2	5	MB5
MMB0102Q10L	1-2	1-2	DC-1000	10	7.5	35	50	20	14	24	0.3	6	MB6
MMB0102Q10M	1-2	1-2	DC-1000	13	7.5	35	50	20	14	24	0.3	6	MB6
MMB0102Q10H	1-2	1-2	DC-1000	17	7.5	35	50	20	14	24	0.3	6	MB6
MMB0204Q10L	2-4	2-4	DC-1000	10	7.5	35	50	20	14	24	0.4	5	MB29
MMB0204Q10M	2-4	2-4	DC-1000	17	7.5	35	45	20	14	24	0.2	4	MB7
MMB0204Q35H	2-4	2-4	DC-3500	17	7.5	35	50	20	14	24	0.4	5	MB7
MMB0208Q10L	2-8	2-8	DC-1GHz	18	9	25	45	35	5	/	/	/	MB17
MMB0307Q05H	3-7	3-7	DC-500	17	7	20	22	20	6	16	0.3	4	MB5
MMB0304Q10L	3.5-4.5	3.5-4.5	DC-1000	10	7.5	35	45	20	14	24	0.3	4	MB5
MMB0408Q35L	4-8	4-8	DC-3500	10	7.5	35	45	20	14	24	0.3	4	MB5
MMB0408Q35M	4-8	4-8	DC-3500	13	7.5	35	45	20	14	24	0.3	4	MB5
MMB0408Q35H	4-8	4-8	DC-3500	17	7.5	35	45	20	14	24	0.3	4	MB5
MMB0409Q35L	4-9	4-9	DC-3500	10	8	35	45	20	14	23	0.3	8	MB5
MMB0409Q35M	4-9	4-9	DC-3500	13	8	35	45	20	14	23	0.3	8	MB5
MMB0409Q35H	4-9	4-9	DC-3500	17	8	35	45	20	14	23	0.3	8	MB5
MMB0507Q35L	5-7	5-7	DC-3500	10	7.5	40	50	20	15	23	0.2	4	MB5
MMB0507Q35M	5-7	5-7	DC-3500	13	7.5	40	50	20	15	23	0.2	4	MB5
MMB0507Q35H	5-7	5-7	DC-3500	17	7.5	40	50	20	15	23	0.2	4	MB5
MMB0510Q35L	5-10	5-10	DC-3500	10	7.5	35	45	20	15	24	0.3	4	MB5
MMB0510Q35M	5-10	5-10	DC-3500	13	7.5	35	45	20	15	24	0.3	4	MB5
MMB0510Q35H	5-10	5-10	DC-3500	17	7.5	35	45	20	15	24	0.3	4	MB5
MMB0610Q35L	6-10	6-10	DC-3500	17	7	30	50	25	13	/	0.2	4	MB17
MMB0610Q35M	6-10	6-10	DC-3500	13	7.5	30	45	20	12	22	0.3	4	MB5

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)	Amplitude balance (dB)	Phase balance (deg)	Case Type
MMB0610Q35H	6-10	6-10	DC-3500	17	7.5	30	45	20	12	22	0.3	4	MB5
MMB0618Q25L	6-18	6-15	DC-2500	10	8.5	25	35	35	5	/	0.5	8	MB19
MMB0618Q35M	6-18	6-18	DC-3500	18	10	28	35	35	13	/	0.5	5	MB16
MMB0708Q35L	7-8	7-8	DC-3500	10	7.5	40	50	22	12	23	0.2	4	MB5
MMB0708Q35M	7-8	7-8	DC-3500	13	7.5	40	50	22	12	23	0.2	4	MB5
MMB0708Q35H	7-8	7-8	DC-3500	17	7.5	40	50	22	12	23	0.2	4	MB5
MMB0812Q35LD	8-12	8-12	DC-3500	10	7.5	30	45	20	17	24	0.3	5	MB5
MMB0812Q35L	8-12	8-12	DC-3500	10	7.5	30	45	20	17	24	0.3	5	MB5
MMB0812Q35M	8-12	8-12	DC-3500	13	7.5	30	45	20	17	24	0.3	5	MB5
MMB0812Q35H	8-12	8-12	DC-3500	17	7.5	30	45	20	17	24	0.3	5	MB5
MMB0813Q20H	8-13	8-13	DC-2000	17	8	30	45	20	14	24	0.3	4	MB5
MMB0813Q20L	8-13	8-13	DC-2000	10	8	30	45	20	14	24	0.3	4	MB5
MMB0813Q20M	8-13	8-13	DC-2000	13	8	30	45	20	14	24	0.3	4	MB5
MMB0813Q25H	8-13	8-13	DC-3500	17	8	30	45	20	14	24	0.3	4	MB5
MMB0813Q25L	8-13	8-13	DC-3500	10	8	30	45	20	14	24	0.3	4	MB5
MMB0813Q25M	8-13	8-13	DC-3500	13	8	30	45	20	14	24	0.3	4	MB5
MMB0813Q25C	8.5-13.5	8.5-13.5	DC-3500	/	8	30	45	22	14	24	0.3	4	MB17
MMB0816Q35 L	8-16	8-16	DC-3500	10	7.5	30	45	20	18	24	0.4	4	MB5
MMB0816Q35M	8-16	8-16	DC-3500	13	7.5	30	45	20	18	24	0.4	4	MB5
MMB0816Q35H	8-16	8-16	DC-3500	17	7.5	30	45	20	18	24	0.4	4	MB5
MMB0809Q01H	8.5-9.5	8.35-9.35	80-160	7-9	7	25	35	25(Min)	-6	/	/	/	MB30
MMB1012Q35L	10-12	10-12	DC-3500	10	7.5	34	45	24	21	28	0.4	6	MB5
MMB1012Q35M	10-12	10-12	DC-3500	13	7.5	34	45	24	21	28	0.4	6	MB5
MMB1012Q35H	10-12	10-12	DC-3500	17	7.5	34	45	24	21	28	0.4	6	MB5
MMB1013Q35H	10-13	10-13	DC-3500	117	7.5	34	45	24	21	28	0.4	6	MB5
MMB1116Q35L	11-16	11-16	DC-3500	0	9	25	45	22	21	25	0.5	8	MB5
MMB1116Q35M	11-16	11-16	DC-3500	13	9	25	45	22	21	25	0.5	8	MB5
MMB1116Q35H	11-16	11-16	DC-3500	17	9	25	45	22	21	25	0.5	8	MB5
MMB1215Q35L	12-15	12-15	DC-3500	10	8	35	45	22	21	27	0.4	5	MB5
MMB1215Q35M	12-15	12-15	DC-3500	13	8	35	45	22	21	27	0.4	5	MB17
MMB1215Q35H	12-15	12-15	DC-3500	17	8	35	45	22	21	27	0.4	5	MB5
MMB1216Q35L	12-16	12-16	DC-3500	10	8	30	45	25	16	24	0.3	4	MB5
MMB1216Q35M	12-16	12-16	DC-3500	13	8	30	45	25	16	24	0.3	4	MB5
MMB1216Q35H	12-16	12-16	DC-3500	17	8	30	45	25	16	24	0.3	4	MB5
MMB1218Q35L	12-18	12-18	DC-3500	10	8	30	45	25	16	24	0.4	5	MB5
MMB1218Q35M	12-18	12-18	DC-3500	13	8	30	45	25	16	24	0.4	5	MB5
MMB1218Q35H	12-18	12-18	DC-3500	17	8	30	45	25	16	24	0.4	5	MB5

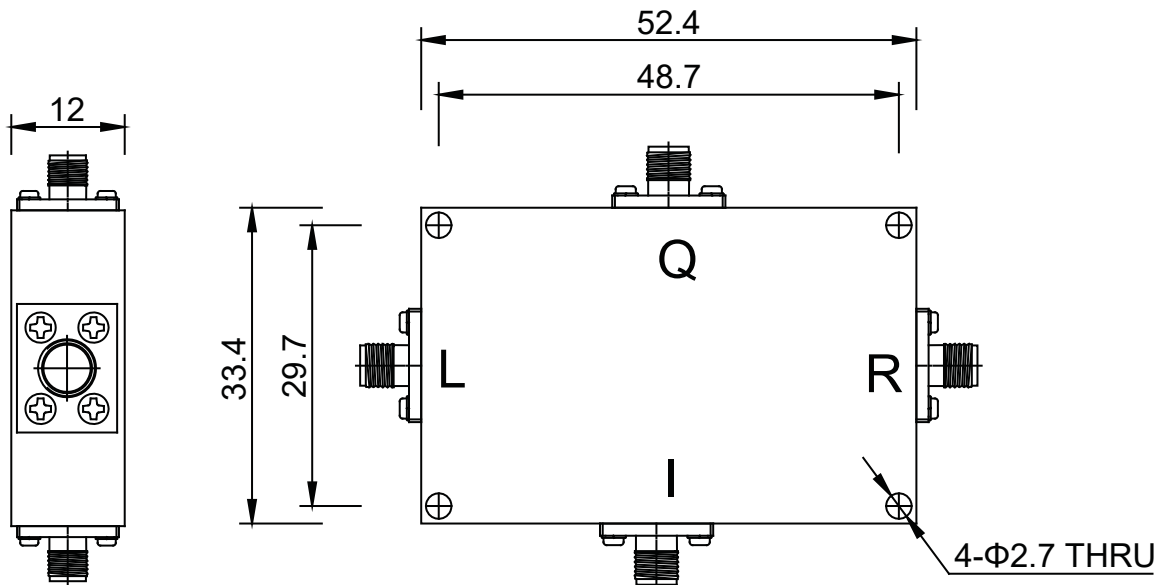
Part Number	RF Frequency (GHz)	LO Frequency (GHz)	IF Frequency (MHz)	LO Power (dBm)	Conversion Loss (dB)	Image rejection (dBc)	Isolation (dB) L-R	Isolation (dB) L-I	Input P1dB (dBm)	Input IP3 (dBm)	Amplitude balance (dB)	Phase balance (deg)	Case Type
MMB1521Q35L	15-21	15-21	DC-3500	10	8	25	47	22	15	25	0.3	4	MB5
MMB1521Q35M	15-21	15-21	DC-3500	13	8	25	47	22	15	25	0.3	4	MB5
MMB1521Q35H	15-21	15-21	DC-3500	17	8	25	47	22	15	25	0.3	4	MB5
MMB1523Q35L	15-23	15-23	DC-3500	10	10	25	45	22	15	20	0.3	4	MB5
MMB1523Q35M	15-23	15-23	DC-3500	13	10	25	45	22	15	25	0.3	4	MB5
MMB1523Q35H	15-23	15-23	DC-3500	17	10	25	45	22	15	25	0.3	4	MB5
MMB1626Q35L	16-26	16-26	DC-3500	18	10	28	35	35	13	20	0.5	5	MB5
MMB1626Q35M	16-26	16-26	DC-3500	13	10	20	40	25	16	20	0.5	5	MB17
MMB1626Q35H	16-26	16-26	DC-3500	17	10	20	40	25	16	20	0.5	5	MB5
MMB2032Q40H	20-32	20-32	DC-4000	15	11	25	40	35	/	22	0.5	5	MB17
MMB2123Q35L	21-23	21-23	DC-3500	10	10	25	45	22	18	20	0.3	4	MB5
MMB2123Q35M	21-23	21-23	DC-3500	13	10	25	45	22	18	20	0.3	4	MB5
MMB2123Q35H	21-23	21-23	DC-3500	17	10	25	45	22	18	20	0.3	4	MB5
MMB2223Q35L	22-23	22-23	DC-3500	10	10	20	40	30	16	20	0.5	5	MB5
MMB2223Q35M	22-23	22-23	DC-3500	13	10	20	40	30	16	20	0.5	5	MB5
MMB2223Q35H	22-23	22-23	DC-3500	17	10	20	40	30	16	20	0.5	5	MB5
MMB2530Q35H	25-30	25-30	DC-3500	17	10	20	40	30	16	25	0.6	4	MB5



MB5



MB6



BM7

