



LC Filter Selection Guide

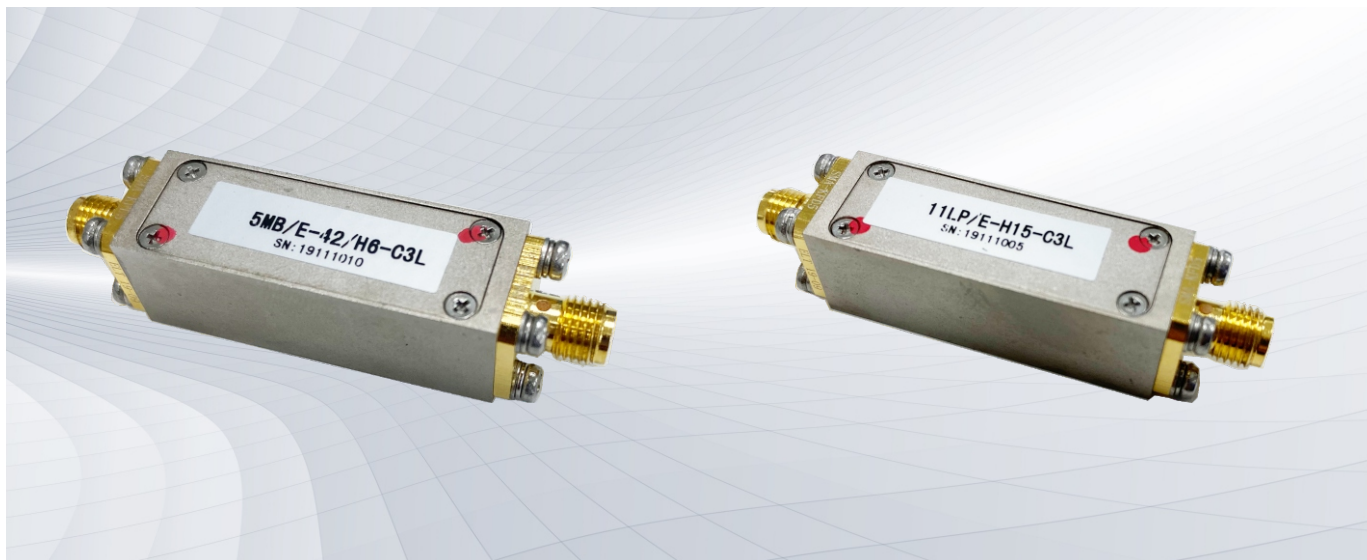
 南京舜特科通信技术有限公司
Sainty-Tech Communications Limited

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INTRODUCTION

LC filters combine inductors (L) and capacitors (C) in order to form low-pass and high-pass filters, multiplexer, band-pass and band-reject filters in radio frequency (RF) and many other applications.

We provide LC filters up to 6GHz, with relative bandwidth options from 3% to 100%, Compact size, Drop-in, SMD or coaxial package, excellent performance and high stability. Customization is also available. Our filters are widely used in many applications, such as Microwave Telecommunications, 5G Communications, IoT, Radar, ECM, Aerospace, Navigation etc.



Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
5MB/E-3.2/T0.2-P2	3.2	0.32 (3dB)	3.3	40@2.9&3.6MHz	40×12×9
5MB/E-4.4/T0.2-P2	4.4	0.38(3dB)	4.1	40@4&4.9MHz	40×12×9
4MB/E-10/U4-14	10	4.34(1dB)	0.4	40@4.2&16.3MHz	24.7×12.7×6.7
3MB/C-10/H1.5-14	10	1.74(0.5dB)	0.81	40@3.8&15.9MHz	24.7×12.7×6.7
5MB/C-10/T2-18	10	2.18(3dB)	2.02	40@7.8&15MHz	27.2×12.7×6.7
6MB/C-10/T6.5-22	10	6.93(3dB)	0.65	40@5.1&17.8MHz	32.4×12.7×8.7
5MB/C-10.23/T0.8-S9	10.23	0.91(3dB)	2.9	40@9.2&11.6MHz	27×12×7
4MB/C-14/U1-18	14	1.82(1dB)	1.48	40@11.4&17MHz	27.2×12.7×6.7
3MBG-15/T1.5-18	15	1.43(3dB)	1.28	40@9.8&20.6MHz	27.2×12.7×6.7
5MB/E-15.2/T2-P2	15.2	2.37(3dB)	1.95	40@13.1&17.8MHz	40×12×9
6MB/C-19/T2-18	19	2.59(3dB)	2.7	40@16.6&22.2MHz	27.2×12.7×6.7
6MB/C-19.2/T2-18	19.2	2.14(3dB)	2.94	40@17.3&21.7MHz	27.2×12.7×6.7
5MB/C-20/T2-18	20	2.36(3dB)	2.4	40@17.3&23.2MHz	12.7×27.2×6.7
6MB/C-20/T2-18	20	2.36(3dB)	2.66	40@17.8&22.6MHz	27.2×12.7×6.7
5MB/E-20.8/T3-P2	20.8	3.7(3dB)	1.66	40@17.6&24.7MHz	40×12×9
3MB/C-21.4/T0.4-A1	21.4	0.48(3dB)	6.28	40@20&23MHz	20.32×10.16×10.16
3MB/C-21.4/U4-14	21.4	5.03(1dB)	0.65	40@8&35MHz	24.7×12.7×6.7
7MB/E-21.4/U7-S10W	21.4	7.46(1dB)	0.76	40@15.94&27.4MHz	40×12×9.5
3MB/C-25/U3-14	25	4.62(1dB)	-	40@13&37.2MHz	24.7×12.7×6.7
5MB/C-27.5/H1-18	27.5	1.3(0.5dB)	3.6	40@24.8&30.6MHz	27.2×12.7×6.7
5MB/E-28/T2-14	28	2.2(3dB)	3.43	40@25.4&30.4MHz	24.7×12.7×6.7
3MB/C-30/T10-14	30	12.2(3dB)	0.59	40@11&57MHz	24.7×12.7×6.7
4MB/C-30/T6-18	30	6.13(3dB)	1.35	40@20.5&39MHz	27.2×12.7×6.7
5MB/E-30/H8-14	30	20(0.5dB)	0.3	40@8&50.3MHz	24.7×12.7×6.7
5MB/C-30/T9-18	30	9.4(3dB)	1.26	40@20.7&40.8MHz	27.2×12.7×6.7
6MB/C-30/T3-18	30	3.35(3dB)	3.1	40@26.8&33.5MHz	27.2×12.7×6.7
7MB/C-34/T10-22	34	10.7(1dB)	1.23	40@26.4&45MHz	32.4×12.7×8.7
4MB/C-36/T2.5-18	36	2.9(3dB)	3	40@32&41.5MHz	27.2×12.7×6.7
3MB/E-37.5/U1-S5	37.5	1.48(1dB)	3.25	40@32&43MHz	31.8×12.7×7.1
5MB/C-40/T2-S5	40	2.5(3dB)	4.34	40@36.5&43.6MHz	31.8×12.7×7.1
5MB/E-40/T20-22B	40	20.9(3dB)	0.55	40@26.6&56.8MHz	32.4×12.7×8.7
6MB/E-40/H20-S5	40	23.8(0.5dB)	0.57	40@21.5&64.1MHz	31.8×12.7×7.1

Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
5MB/C-42/T6-14	42	6.4(3dB)	2.1	40@35&51MHz	24.7×12.7×6.7
7MB/E-45/T13-22	45	12.4(3dB)	1.53	40@35.2&54.9MHz	32.4×12.7×8.7
4MB/C-46/T4-18	46	4.07(3dB)	2.86	40@39.4&52.4MHz	27.2×12.7×6.7
5MB/C-50/U10-18	50	10.8(1dB)	1.95	40@40&63.8MHz	27.2×12.7×6.7
6MB/C-50/U50-S2A	50	58.6(1dB)	0.38	40@5.77&98.21MHz	27×20×6.6
5MB/E-53/T6-22	53	7.2(3dB)	2.38	40@44.2&61MHz	32.4×12.7×8.7
6MB/E-55/U11-C3	55	11.52(1dB)	1.45	40@40.7&65.8MHz	31×13×13
5MB/E-56/T3-P2	56	3.28(3dB)	4.9	40@52.4&60.4MHz	40×12×9
5MB/C-56/T3-18	56	3.45(3dB)	4.8	40@51.8&61MHz	27.2×12.7×6.7
4MB/C-56/T7-18	56	7.27(3dB)	2.12	40@46&69MHz	27.2×12.7×6.7
5MB/E-56/H34-22	56	38.9(0.5dB)	0.56	40@22.4&96.3MHz	32.4×12.7×8.7
6MB/C-56/T10-18	56	10.71(3dB)	2.25	40@46.6&67.9MHz	27.2×12.7×6.7
4MB/E-60/T25-S2A	60	28.37(3dB)	0.7	40@33.6&91.2MHz	27×20×6.6
5MB/E-60/H20-DE-18	60	-	1.35	30@35.1&81.3MHz	27.2×12.7×6.7
6MB/C-60/T10-22	60	11(3dB)	2.2	40@50.4&72.7MHz	32.4×12.7×8.7
6MB/E-60/T20-18	60	24(3dB)	1.15	40@42.8&78.9MHz	27.2×12.7×6.7
6MB/E-60/T22-22	60	24.5(3dB)	1.1	40@39.4&80.8MHz	32.4×12.7×8.7
7MB/E-60/U20-S4G	60	22.2(1dB)	-	40@41.2&79.7MHz	26×10×6.5
3MB/C-60/T5-S5S	60	5.82(3dB)	2.55	40@45&74MHz	19.1×12.7×7.1
4MB/C-60/T4-14	60	5.2(3dB)	3	40@51.5&67.6MHz	24.7×12.7×6.7
4MB/C-60/T6-14	60	8(3dB)	1.7	40@43.7&77.6MHz	24.7×12.7×6.7
4MB/W-60/T9-S4A	60	10.5(3dB)	1.6	40@45.7&78.2MHz	25×13.2×6.5
4MB/E-60/U10-S5	60	14.7(1dB)	1.17	40@38&80.7MHz	31.8×12.7×7.1
4MB/E-60/U12-S1G	60	13.4(1dB)	1	40@37.7&80.2MHz	20×16×6.5
4MB/C-60/U12-S5	60	13.3(1dB)	1.14	40@37&90.6MHz	31.8×12.7×7.1
4MB/E-60/U20-S1G	60	21.4(1dB)	0.9	40@31.6&94.6MHz	20×16×6.5
4MB/C-60/T20-C3	60	28.5(3dB)	0.83	40@34.2&95.2MHz	31×13×13
5MB/C-60/T1.6-18	60	2.13(3dB)	8.14	40@56.7&63.4MHz	27.2×12.7×6.7
5MB/C-60/T2.8-18	60	2.79(3dB)	6.21	40@56.3&64.6MHz	27.2×12.7×6.7
5MB/C-60/T6-18	60	6.39(3dB)	3.16	40@52.6&68.8MHz	27.2×12.7×6.7
5MB/E-60/T8-22	60	8.7(3dB)	3.1	40@52.4&68.1MHz	32.4×12.7×8.7
5MB/C-60/U8-18	60	8(1dB)	2.2	40@48.7&72.1MHz	27.2×12.7×6.7

Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
5MB/C-60/T10-18	60	10.3(3dB)	1.98	40@49&75.8MHz	27.2×12.7×6.7
5MB/C-60/U12-S5	60	12.8(1dB)	1.51	40@44.4&77.2MHz	31.8×12.7×7.1
5MB/C-60/H20-S5	60	23.5(0.5dB)	0.79	40@36.9&99.4MHz	31.8×12.7×7.1
5MB/E-60/H23-DE-S5L	60	24.7(0.5dB)	1.2	40@27.6&93.5MHz	38.1×12.7×7.1
5MB/E-60/H30-DE-22	60	36(0.5dB)	0.85	40@18.8&104.8MHz	32.4×12.7×8.7
6MB/C-60/U10-C3L	60	12.2(1dB)	1.9	40@47.4&74.9MHz	38×13×13
6MB/C-60/H16-S5	60	19.2(3dB)	0.87	40@28.8&97MHz	31.8×12.7×7.1
6MB/E-60/U20-14	60	25(1dB)	0.89	40@40.5&79.8MHz	24.7×12.7×6.7
6MB/E-60/U20-DE-S5A	60	25(1dB)	1.71	40@38.2&79.7MHz	31.8×12.7×5.7
7MB/E-60/T30-C3L	60	33.8(3dB)	0.91	40@36.7&85.4MHz	38×13×13
5MB/E-61.38/T21-S3NA	61.38	21.5(3dB)	1.09	40@42.5&81.2MHz	30×12×7
5MB/E-64/H34-22	64	38.1(0.5dB)	0.61	30@29.4&105.9MHz	32.4×12.7×8.7
7MB/E-64/U20-S10W	64	20.7(1dB)	2	35@48.4&79.6MHz	40×12×9.5
8MB/E-64/U17-C3L	64	19.4(1dB)	-	40@46.65&81.35MHz	38×13×13
7MB/E-66/U16-S4G	66	17.14(1dB)	2.23	40@50.1&83.1MHz	26×10×6.5
6MB/C-66.5/T9-18	66.5	10.8(3dB)	3.4	40@57.5&77MHz	27.2×12.7×6.7
5MB/E-67/T9-22	67	7.28(1.5dB)	2.8	40@57.1&77MHz	32.4×12.7×8.7
3MB/C-69/H10-14	69	12.1(0.5dB)	1.41	40@29&104.5MHz	24.7×12.7×6.7
6MB/C-69.5/U2.7-C3	69.5	3(1dB)	6.3	40@64.5&74.7MHz	31×13×13
6MB/C-69.5/U12-22	69.5	12.8(1dB)	2.1	40@56.8&87.5MHz	32.4×12.7×8.7
5MB/E-70/T15-S5L	70	17.1(3dB)	1.95	40@51.8&88MHz	38.1×12.7×7.1
5MB/E-70/U20-22	70	22.3(1dB)	1.15	40@50.6&94.6MHz	32.4×12.7×8.7
5MB/E-70/T27-18	70	26.4(3dB)	1.22	40@41.5&97.9MHz	27.2×12.7×6.7
6MB/E-70/U10-S5	70	11.41(1dB)	1.8	30@59&81MHz	31.8×12.7×7.1
6MB/C-70/U20-22	70	22.6(1dB)	1.33	40@48.7&97.9MHz	32.4×12.7×8.7
6MB/E-70/U30-S9	70	33.7(1dB)	0.92	40@43.7&110MHz	27×12×7
7MB/E-70/U20-C3L	70	22.5(1dB)	1.5	40@51.5&87.9MHz	38×13×13
7MB/E-70/U20-S5L	70	23.5(1dB)	1.3	40@48&92MHz	38.1×12.7×7.1
4MB/E-70/T14-14	70	14.7(3dB)	1.5	40@47.8&87.3MHz	24.7×12.7×6.7
4MB/C-70/H20-S9	70	24.8(0.5dB)	0.8	40@27&112MHz	27×12×7
4MB/C-70/T20-14	70	23.5(3dB)	0.96	40@34.5&102MHz	24.7×12.7×6.7
4MB/E-70/U20-14	70	21.3(1dB)	1.2	40@37.5&102.5MHz	24.7×12.7×6.7

Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
5MB/C-70/U4-22	70	4.43(1dB)	4.15	40@62.3&78.2MHz	32.4×12.7×8.7
5MB/C-70/U5-22	70	5.87(1dB)	3.51	40@60.5&80.3MHz	32.4×12.7×8.7
5MB/E-70/T6-S5L	70	6.57(3dB)	3.7	40@61.7&78MHz	38.1×12.7×7.1
5MB/E-70/T10-S5L	70	12.1(3dB)	2.27	40@57.3&83MHz	38.1×12.7×7.1
5MB/C-70/T12-14	70	12.8(3dB)	2.57	40@56.9&88.9MHz	24.7×12.7×6.7
5MB/C-70/T15-S5A	70	15.3(3dB)	1.9	40@53.6&86.8MHz	31.8×12.7×5.7
5MB/E-70/T20-S5L	70	21.3(3dB)	1.57	40@48.4&93.1MHz	38.1×12.7×7.1
5MB/E-70/T24-S5L	70	25.8(3dB)	1.17	40@45.2&97MHz	38.1×12.7×7.1
5SBP/E-70/T37-2	70	39.8(3dB)	1.09	40@35.2&108.3MHz	25.4×12.7×6.7
5MB/C-70/U50-22A	70	67(1dB)	0.59	40@13.1&142.2MHz	32.4×12.7×6.7
6SBP/E-70/T5-2A	70	5.05(3dB)	6	40@64.6&76.3MHz	25.4×12.7×6
6MB/C-70/U5-C3L	70	5.93(1dB)	3.99	40@62.7&79.6MHz	38×13×13
6MB/C-70/T8-S2A	70	9.1(3dB)	3.85	40@62&79.7MHz	27×20×6.6
6MB/E-70/T8-S5A	70	8.5(3dB)	3.8	40@61.9&79.3MHz	31.8×12.7×5.7
6MB/E-70/U10-C3L	70	11.1(1dB)	1.92	40@59.7&81.7MHz	38×13×13
6MB/C-70/U11-18	70	12.1(1dB)	2.4	40@57.3&86.9MHz	27.2×12.7×6.7
6MB/C-70/U20-18	70	23.5(1dB)	1.33	40@48.6&100.1MHz	27.2×12.7×6.7
6MB/E-70/U20-S5	70	26.4(1dB)	1	40@49.6&93.4MHz	31.8×12.7×7.1
6MB/C-70/T24-S5	70	26.8(3dB)	1.37	40@47.8&96.5MHz	31.8×12.7×7.1
8MB/E-70/U22-S5L	70	22.8(1dB)	1.69	40@52.1&91MHz	38.1×12.7×7.1
8MB/E-70/T30-C3L	70	33.5(3dB)	1.25	40@47&93.3MHz	38×13×13
3MB/C-72.5/U3-14	72.5	4.41(1dB)	-	40@60&99MHz	24.7×12.7×6.7
6MB/C-74.9/T10-22	74.9	10.8(3dB)	3.35	40@64.8&86.9MHz	32.4×12.7×8.7
3MB/C-75/T4-14	75	3.86(3dB)	4.48	40@67&86MHz	24.7×12.7×6.7
5SBP/C-75/H20-3	75	20.7(0.5dB)	1.25	40@47.8&110MHz	31.8×12.7×6.7
4MB/C-75/T6-14	75	5.6(3dB)	3.6	40@62.5&86.5MHz	24.7×12.7×6.7
5MB/E-80/T20-14	80	21.1(3dB)	1.45	40@64.2&99.1MHz	24.7×12.7×6.7
6MB/C-80/T8-18	80	8.81(3dB)	4.87	40@71.1&89.3MHz	27.2×12.7×6.7
4MB/C-80/T5-S5	80	-	4.2	40@70&91MHz	31.8×12.7×7.1
4MB/C-80/U12-14	80	14.8(1dB)	1.6	40@52.2&105.2MHz	24.7×12.7×6.7
5MB/C-80/T8-18	80	8.35(3dB)	4.15	40@69.5&91MHz	27.2×12.7×6.7
5MB/C-82.5/T6-14	82.5	6.65(3dB)	5	40@74.4&93.3MHz	24.7×12.7×6.7

Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
5MB/C-90/T5-S5L	90	5.3(3dB)	6.7	40@82.8&99.3MHz	38.1×12.7×7.1
5MB/C-100/T4-14	100	4.7(3dB)	8.1	40@93.5&107.5MHz	24.7×12.7×6.7
4MB/C-100/T8-18	100	10.3(3dB)	4.1	40@86.5&116MHz	27.2×12.7×6.7
5MB/C-100/T8-18	100	8.5(3dB)	5.7	40@90&110MHz	27.2×12.7×6.7
6MB/C-100/T10-18	100	15.2(3dB)	3.2	40@82.5&118MHz	27.2×12.7×6.7
5MB/E-102/U144-22A	102	166(1dB)	0.35	40@21.1&212.7MHz	32.4×12.7×6.7
5MB/C-108/U8-18	108	9.3(1dB)	4	40@92.5&124MHz	27.2×12.7×6.7
5MB/C-110/T8-S9	110	9.1(3dB)	4.8	40@99&124.5MHz	27×12×7
6MB/C-110/U180-S4G	110	219.5(1dB)	0.27	40@7.4&398MHz	26×10×6.5
3MB/C-112/U10-S4G	112	-	1.53	40@65&154MHz	26×10×6.5
6MB/C-115/T7-22	115	8.9(3dB)	7.4	40@107&125MHz	32.4×12.7×8.7
5MB/E-118.52/T41-S3NA	118.52	41.5 (3dB)	1.3	40@81&154.3MHz	30×12×7
3MB/C-120/T12-14	120	12.9(3dB)	2.35	40@92&153.5MHz	24.7×12.7×6.7
5MB/C-120/T5-18	120	5.7(3dB)	7	40@111&131MHz	27.2×12.7×6.7
5MB/C-120/U30-S1G	120	33.8(1dB)	1.4	40@85.4&175.6MHz	20×16×6.5
6MB/C-120/T4-22	120	4.13(3dB)	11.2	50@114.5&126.2MHz	32.4×12.7×8.7
6MB/C-120/T20-18	120	21.5(3dB)	3.05	40@100&144MHz	27.2×12.7×6.7
4MB/C-120/T8-S5	120	-	4.84	40@107&135MHz	31.8×12.7×7.1
4MB/C-120/T10-S2A	120	11.6(3dB)	3.4	40@101&140MHz	27×20×6.6
4MB/E-120/U45-S5	120	58.3(1dB)	0.75	40@53.3&196MHz	31.8×12.7×7.1
5MB/C-120/T30-S9	120	31.67(3dB)	1.7	40@89.4&158.2MHz	27×12×7
4MB/C-121.5/T9-14	121.5	11.2(3dB)	3.6	40@105&141.5MHz	24.7×12.7×6.7
5MB/E-121.795/T51-S3NA	121.795	51.3(3dB)	1.2	40@76.2&169.4MHz	30×12×7
5MB/C-122/H30-18	122	35.4(0.5dB)	1.39	40@77.4&175.5MHz	27.2×12.7×6.7
5MB/E-124/U36-S5L	124	39.9(1dB)	1.32	40@93&161MHz	38.1×12.7×7.1
6MB/C-125/T7-22	125	9.2(3dB)	7.2	40@115&134MHz	32.4×12.7×8.7
5MB/E-125.42/T51-S3NA	125.42	51.3(3dB)	1.27	40@79.3&171MHz	30×12×7
3MB/C-129/U25-S4G	129	-	-	40@49&210.5MHz	25×10×6.5
4MB/C-130/H10-18	130	12.2(0.5dB)	2.18	40@104&163MHz	27.2×12.7×6.7
4MB/C-130/U30-14	130	32.6(1dB)	2	40@75&179MHz	24.7×12.7×6.7
5MB/E-130.25/U15-22	130.25	18.3(1dB)	2.3	40@105&155MHz	32.4×12.7×8.7
5MB/E-132/U24-S10W	132	25.6(1dB)	1.65	40@107.5&162.6MHz	40×12×9.5

Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
6MB/C-135/T7-22	135	9.1(3dB)	7.35	40@125.7&144.3MHz	32.4×12.7×8.7
3MB/C-138/H10-14	138	12.7(0.5dB)	1.88	40@94&178.5MHz	24.7×12.7×6.7
4MB/C-138/U20-S5	138	21.8(1dB)	1.89	40@93&178MHz	31.8×12.7×7.1
6MB/E-140/U13-C3L	140	13.8(1dB)	3.6	40@123.8&157.6MHz	38×13×13
7MB/E-140/U32-C3L	140	33.8(1dB)	1.72	40@110&172MHz	38×13×13
3MB/C-140/H20-14	140	24.7(0.5dB)	1.07	40@65&212.5MHz	24.7×12.7×6.7
4MB/C-140/U30-18	140	33.8(1dB)	1.22	40@77&194MHz	27.2×12.7×6.7
4MB/C-140/T36-18	140	36.5(1dB)	1	40@77&196MHz	27.2×12.7×6.7
5MB/C-140/T8-18	140	8.7(3dB)	-	40@127&153MHz	27.2×12.7×6.7
5MB/E-140/U36-S4G	140	40.3(1dB)	1.55	40@92.7&188.5MHz	26×10×6.5
6MB/C-140/H7-C3	140	19.1(1dB)	2.7	40@118.7&166.3MHz	31×13×13
6MB/C-140/U10-18	140	11.9(1dB)	4.75	40@126.1&155.8MHz	27.2×12.7×6.7
6MB/C-140/U70-S5A	140	72.4(1dB)	-	40@81.7&222.7MHz	31.8×12.7×5.7
7MB/E-140/U5-S5L	140	7.07(1dB)	6.55	40@129.5&151MHz	38.1×12.7×7.1
7MB/E-140/U20-S5L	140	22.7(1dB)	2.5	40@119.8&162.2MHz	38.1×12.7×7.1
7MB/E-140/U26-C3L	140	28.2(1dB)	2.15	40@113.8&165.6MHz	38×13×13
3MB/C-140/U8-14	140	8.65(1dB)	5	40@116&177.5MHz	24.7×12.7×6.7
4MB/C-140/U8-18	140	8.9(1dB)	3.5	40@121&162MHz	27.2×12.7×6.7
4MB/C-140/T10-18	140	10.7(3dB)	4.3	40@123&161MHz	27.2×12.7×6.7
5MB/E-143.25/U5-18	143.25	14.46(1dB)	2.9	40@121&165MHz	27.2×12.7×6.7
5MB/E-148/U24-S10W	148	25.6(1dB)	1.7	40@122&179MHz	40×12×9.5
3MB/C-150/U30-S4G	150	-	-	40@61&248.5MHz	26×10×6.5
6MB/C-150/T15-18	150	15(3dB)	4.4	40@135&167MHz	27.2×12.7×6.7
3MB/C-150/T9-S1G	150	9.2(3dB)	3.51	40@125&172MHz	20×16×6.5
5SBP/E-150/U50-2	150	54.2(1dB)	1.02	40@92.2&212MHz	25.4×12.7×6.7
5MB/C-150/U100-18	150	109.1(1dB)	0.66	40@59.5&287.2MHz	27.2×12.7×6.7
5MB/E-150/U100-S5	150	109.2(1dB)	0.48	40@53.5&246.8MHz	31.8×12.7×7.1
5MB/C-160/T16-14	160	18.3(3dB)	3.1	40@139&184MHz	24.7×12.7×6.7
4MB/C-160/T15-S5A	160	19.5(3dB)	2.5	40@127&188MHz	31.8×12.7×5.7
6MB/C-160/U22-18	160	24(1dB)	2.55	40@134.6&192.6MHz	27.2×12.7×6.7
4MB/C-177.5/U15-S4G	177.5	20.4(1dB)	2.05	40@142&214MHz	26×10×6.5
7MB/E-178/T16-C3L	178	21.8(3dB)	3.31	40@161.2&195.2MHz	38×13×13

Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
6MB/E-180/U80-S5LA	180	87.2(1dB)	0.85	40@108&252MHz	38.1×12.7×5.7
6SBP/E-180/U100-2	180	107.2(1dB)	0.71	40@98.4&275.1MHz	25.4×12.7×6.7
6MB/C-183/T10-18	183	11.7(3dB)	5.75	40@169.8&197.3MHz	27.2×12.7×6.7
6MB/E-185/U45-S5	185	46.2(1dB)	1.43	40@142&232MHz	31.8×12.7×7.1
3MB/C-200/T6-14	200	19.1(3dB)	2.28	40@156&241MHz	24.7×12.7×6.7
3MB/C-200/U15-S4G	200	-	1.86	40@147&247MHz	26×10×6.5
3MB/C-200/T18-S5S	200	20.1(3dB)	2.12	40@147&240MHz	19.1×12.7×7.1
4MB/C-200/T17-S5A	200	-	3.08	40@171&256MHz	31.8×12.7×5.7
4MB/C-200/T25-S5	200	34.4(3dB)	2.08	40@146&249MHz	31.8×12.7×7.1
5MB/C-200/U15-S2A	200	17(1dB)	2.5	40@171&233MHz	27×20×6.6
4MB/C-200/T20-S4G	200	19.5(1dB)	2.3	40@165&236MHz	26×10×6.5
6MB/C-200/T10-S5	200	18.2(3dB)	3.72	40@181.9&218.7MHz	31.8×12.7×7.1
6MB/C-200/T20-18	200	22.3(3dB)	3.73	40@175.6&225.7MHz	27.2×12.7×6.7
6MB/C-200/T20-S5	200	19.2(3dB)	3.86	40@181.3&220.9MHz	31.8×12.7×7.1
6MB/C-200/U56-18	200	60.2(1dB)	1.34	40@139.9&268.8MHz	27.2×12.7×6.7
6MB/C-210/T40-S5	210	41.9(3dB)	2.25	40@172.2&252.8MHz	31.8×12.7×7.1
7MB/E-210/U30-C3L	210	33.2(1dB)	1.8	40@179.4&242.4MHz	38×13×13
5SBP/C-220/U20-2	220	28.4(1dB)	2.6	40@182&260MHz	25.4×12.7×6.7
4MB/C-225/U50-S4G	225	63(1dB)	1	40@141&339MHz	26×10×6.5
6MB/C-233/U246-S5	233	257.5(1dB)	0.38	40@45.9&480.4MHz	31.8×12.7×7.1
6MB/C-235/U10-18	235	11.6(1dB)	5	40@218.5&254.2MHz	27.2×12.7×6.7
7MB/E-237/U34-S10W	237	37.8(1dB)	-	40@197&272MHz	40×12×9.5
4MB/C-240/T20-S5A	240	24.6(3dB)	2.45	40@204&282MHz	31.8×12.7×5.7
4MB/C-240/T30-18	240	-	1.97	40@187&288MHz	27.2×12.7×6.7
6MB/E-248/U36-S5L	248	43(1dB)	-	30@210&290MHz	38.1×12.7×7.1
4MB/C-250/T25-14	250	27(3dB)	2	40@214&303MHz	24.7×12.7×6.7
6SBP/E-260/U110-2	260	117.9(1dB)	0.73	40@163.7&357MHz	25.4×12.7×6.7
7MB/E-261/U34-S10W	261	37(1dB)	-	40@219.9&296.1MHz	40×12×9.5
7MB/C-275/U100-S3L	275	107.4(1dB)	0.87	40@196&405MHz	35×15×9
7MB/C-275/U350-S3L	275	352.4(1dB)	0.35	40@55.6&609.3MHz	35×15×9
4MB/C-285/T10-18	285	-	3.9	40@258&315MHz	27.2×12.7×6.7
7MB/E-285/U34-S10W	285	37.9(1dB)	-	40@243.8&321.6MHz	40×12×9.5

Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
4MB/C-300/U30-S1G	300	35.8(1dB)	1.63	40@233&363MHz	20×16×6.5
6MB/C-300/T40-22	300	43.6(3dB)	2.5	40@260&348MHz	32.4×12.7×8.7
6MB/E-300/U110-S5A	300	121(1dB)	0.81	40@216.9&383MHz	31.8×12.7×5.7
5MB/E-300/U10-C3	300	18.4(1dB)	3.15	40@269&322MHz	31×13×13
5MB/C-300/T12-14	300	13.2(3dB)	7.1	40@280&323MHz	24.7×12.7×6.7
6MB/C-300/U400-18	300	410(1dB)	0.25	40@40.7&652.1MHz	27.2×12.7×6.7
7MB/C-300/U100-S3L	300	102.1(1dB)	0.88	40@223&413MHz	35×15×9
7MB/E-300/H170-S5L	300	182(0.5dB)	-	40@152.3&448.3MHz	38.1×12.7×7.1
7MB/E-300/U200-S3L	300	212.4(1dB)	0.58	40@137&456MHz	35×15×9
7MB/E-309/U34-S10W	309	38.1(1dB)	-	40@266.7&346.8MHz	40×12×9.5
5MB/E-312.5/U175-S10WB	312.5	190.6(1dB)	0.67	40@178&495MHz	40×12×9.5
5MB/E-312.5/U215-22A	312.5	224.2(1dB)	0.3	40@173&497.5MHz	32.4×12.7×6.7
4MB/C-330/T40-S5	330	54.4(3dB)	1.39	40@250&423MHz	31.8×12.7×7.1
7MB/E-330/U20-S5L	330	26.9(1dB)	2.45	40@303&358.2MHz	38.1×12.7×7.1
5MB/C-350/U120-18	350	127(1dB)	0.8	40@212&506MHz	27.2×12.7×6.7
6MB/E-350/U40-DE-S10W	350	53(1dB)	3.14	40@295.8&392MHz	40×12×9.5
7MB/C-350/U30-22	350	38.1(1dB)	2.68	40@312&393MHz	32.4×12.7×8.7
7MB/E-356/U34-S10W	356	43.2(1dB)	-	40@311&399MHz	40×12×9.5
6MB/C-360/T15-18	360	14.8(3dB)	6	40@341.1&380.8MHz	27.2×12.7×6.7
7MB/E-375/U200-S4GA	375	204.6(1dB)	0.73	40@225&525MHz	26×10×5
7MB/E-380/U34-S10W	380	41.5(1dB)	-	40@334&419MHz	40×12×9.5
5MB/C-390/T20-18	390	20.5(3dB)	4.7	40@367&424MHz	27.2×12.7×6.7
5MB/C-400/U120-S2A	400	143(1dB)	0.5	40@248&571MHz	27×20×6.6
6MB/C-400/U70-S2A	400	82.7(1dB)	1.26	40@328.2&496.7MHz	27×20×6.6
6MB/C-400/U85-18	400	96.1(1dB)	1.2	40@311.5&520.7MHz	27.2×12.7×6.7
6MB/C-400/U112-18	400	125(1dB)	0.98	40@294.5&558.8MHz	27.2×12.7×6.7
6MB/C-400/U150-18	400	164.8(1dB)	0.78	40@257.7&567.7MHz	27.2×12.7×6.7
4MB/C-400/T45-S5	400	60.3(3dB)	1.33	40@310&482MHz	31.8×12.7×7.1
4MB/C-400/U50-S4A	400	53.8(1dB)	-	40@288&496MHz	25×13.2×6.5
6MB/C-400/U20-S2A	400	26.7(1dB)	3.5	40@365&436.4MHz	27×20×6.6
6MB/C-400/U30-18	400	34.5(1dB)	3.05	40@359.1&444.2MHz	27.2×12.7×6.7
6MB/E-400/H80-DE-S10	400	109(0.5dB)	1.62	40@302&502MHz	40×9.5×9.5

Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
7MB/E-404/U34-S10W	404	42.3(1dB)	-	40@358.5&443.6MHz	40×12×9.5
6MB/C-410/U20-18	410	23(1dB)	3.4	40@379&444MHz	27.2×12.7×6.7
7MB/E-428/U34-S10W	428	39.2(1dB)	-	40@384&468MHz	40×12×9.5
6MB/E-440/T70-S2A	440	82(3dB)	1.5	40@377&505MHz	27×20×6.6
7MB/E-452/U34-S10W	452	42(1dB)	-	40@406&496MHz	40×12×9.5
7MB/E-476/U34-S10W	476	39.5(1dB)	-	40@430&516MHz	40×12×9.5
5MB/C-480/U30-18	480	40.5(1dB)	2.4	40@422&538MHz	27.2×12.7×6.7
5MB/C-480/T35-S5A	480	-	2.13	40@424&542MHz	31.8×12.7×5.7
6MB/E-480/U60-S9	480	75.5(1dB)	1.38	40@417&548MHz	27×12×7
5MB/C-500/T30-S5	500	32.1(3dB)	3.2	40@459&542MHz	31.8×12.7×7.1
5MB/C-500/T40-S4G	500	43.5(3dB)	2.9	40@452&550MHz	26×10×6.5
6MB/C-500/U250-18	500	258(1dB)	0.87	40@280.4&749.7MHz	27.2×12.7×6.7
4MB/C-500/T25-14	500	-	4.5	40@456&544MHz	24.7×12.7×6.7
5MB/C-500/T50-22	500	57.6(3dB)	1.71	40@439&569MHz	32.4×12.7×8.7
7MB/C-500/U20-S5L	500	27.3(1dB)	4.12	40@465.7&533.5MHz	38.1×12.7×7.1
7MB/E-500/U34-S10W	500	39.2(1dB)	-	40@455.9&539.5MHz	40×12×9.5
7MB/C-507.5/U45-22	507.5	48.4(1dB)	2.62	40@459&567.5MHz	32.4×12.7×8.7
6MB/E-510/U250-S5A	510	298(1dB)	0.6	40@304.7&719.5MHz	31.8×12.7×5.7
7MB/C-522.5/U45-22	522.5	48.3(1dB)	2.8	40@474&583MHz	32.4×12.7×8.7
4MB/C-540/U60-S4A	540	63.97(1dB)	-	40@461&663MHz	25×13.2×6.5
6MB/C-540/H45-18	540	52.2(0.5dB)	1.73	40@470.8&618.3MHz	27.2×12.7×6.7
4MB/C-550/U300-S4G	550	-	-	40@420&583MHz	26×10×6.5
6MB/E-550/U300-S4G	550	323.9(1dB)	0.47	40@253&786MHz	26×10×6.5
7MB/C-560/T50-22	560	51.2(3dB)	2.72	40@513&618MHz	32.4×12.7×8.7
5MB/E-573/U18-18	573	25.43(1dB)	3.15	40@531.9&613.2MHz	27.2×12.7×6.7
4MB/C-580/T60-S1G	580	70(3dB)	1.46	40@491&693MHz	20×16×6.5
6MB/E-596/U60-S9	596	74.9(1dB)	1.43	40@532.4&665.3MHz	27×12×7
6MB/C-600/U30-18	600	33.9(1dB)	2.8	40@555.7&659.6MHz	27.2×12.7×6.7
4MB/C-600/U40-S1G	600	47(1dB)	1.8	40@510&682MHz	20×16×6.5
4MB/C-635/U55-14	635	65(1dB)	1.6	40@539&755MHz	24.7×12.7×6.7
6MB/E-665/U570-S9	665	647.3(1dB)	0.46	35@240&1140MHz	27×12×7
5MB/C-680/H20-S5A	680	25.1(0.5dB)	2.8	40@626&737MHz	31.8×12.7×5.7






Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
6MB/C-700/T50-S5	700	60.6(3dB)	2.67	40@646&781MHz	31.8×12.7×7.1
6MB/C-700/U50-S4GA	700	55.6(1dB)	2.96	40@635&778MHz	26×10×5
3MB/C-720/T150-14	720	165.4(3dB)	0.69	40@324&1085MHz	24.7×12.7×6.7
7MB/E-720/U300-S10WBA	720	326.7(1dB)	0.93	40@489&980MHz	40×12×8
7MB/E-720/U405-S5L	720	435.6(1dB)	0.48	40@330&1053MHz	38.1×12.7×7.1
6MB/C-720/U40-18	720	46.4(1dB)	2.5	40@663&801MHz	27.2×12.7×6.7
6MB/E-720/U45-S5	720	55(1dB)	2.68	40@656&777MHz	31.8×12.7×7.1
6MB/C-720/U610-22A	720	865(1dB)	0.55	40@120&1345MHz	32.4×12.7×6.7
8MB/C-722.5/U45-S5L	722.5	59(1dB)	3	40@663&784MHz	38.1×12.7×7.1
6MB/E-741/U118-S9	741	143.5(1dB)	1.05	35@632&865MHz	27×12×7
5MB/C-750/U300-C3	750	325.9(1dB)	0.45	40@407&1145MHz	31×13×13
8MB/E-750/U400-S3L	750	420(1dB)	0.86	40@464&1040MHz	35×15×9
7MB/E-750/U400-S4GA	750	422.6(1dB)	0.61	40@450&1050MHz	26×10×5
6MB/C-780/T60-18	780	66.5(3dB)	2.61	40@719&848MHz	27.2×12.7×6.7
4MB/C-800/T40-18	800	-	2.03	40@712.5&893.5MHz	27.2×12.7×6.7
4MB/C-800/U40-S4G	800	59(1dB)	1.63	40@705&916MHz	26×10×6.5
5MB/E-860/U30-18	860	43(1dB)	2.8	40@792&932MHz	27.2×12.7×6.7
6MB/C-878/U40-S5	878	52(1dB)	2.9	40@817.6&947.5MHz	31.8×12.7×7.1
6MB/E-895/U110-S9	895	137.4(1dB)	1.25	35@785&1018MHz	27×12×7
4MB/C-925/U250-S4G	925	282(1dB)	0.6	40@451&1320MHz	26×10×6.5
5MB/C-1000/U50-S5	1000	55.5(1dB)	3.36	40@923&1094MHz	31.8×12.7×7.1
4MB/C-1012/U40-18	1012	42(1dB)	3	40@915&1105MHz	27.2×12.7×6.7
4MB/C-1092/U264-S4G	1092	281(1dB)	0.8	40@635&1518MHz	26×10×6.5
7MB/E-1100/H200-S5L	1100	235(0.3dB)	-	40@799&1389MHz	38.1×12.7×7.1
5MB/C-1110/T56-18	1110	52(3dB)	3.5	40@1045&1185MHz	27.2×12.7×6.7
8MB/E-1120/U500-S10WBA	1120	536(2dB)	0.92	40@767&1470MHz	40×12×8
4MB/C-1135/U250-14	1135	268.5(1dB)	0.91	40@670&1518MHz	24.7×12.7×6.7
4MB/E-1150/H300-14	1150	345(0.5dB)	0.77	40@602&1582MHz	24.7×12.7×6.7
5MB/C-1170/T130-18	1170	132(3dB)	-	40@1025&1348MHz	27.2×12.7×6.7
7MB/E-1200/U600-DE-S10WBA	1200	690.8 (1dB)	0.58	40@754&1641MHz	40×12×8
7MB/C-1200/U50-S5L	1200	55(1dB)	3.86	40@1135&1276MHz	38.1×12.7×7.1
4MB/C-1200/T100-14	1200	106.8(3dB)	1.95	40@1&1.4GHz	24.7×12.7×6.7

Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
4MB/C-1200/T120-S5A	1200	116.9(3dB)	2.04	40@1&1.4GHz	31.8×12.7×5.7
5MB/C-1200/T60-S5A	1200	93.3(3dB)	2.85	40@1.08&1.31GHz	31.8×12.7×5.7
6MB/C-1200/T500-S5	1200	596.2(3dB)	0.77	40@773&1866MHz	31.8×12.7×7.1
6MB/E-1200/T800-C3	1200	815.5(3dB)	0.41	40@609&1872MHz	31×13×13
6MB/E-1200/U800-22A	1200	1050(1dB)	0.65	40@407&2152MHz	32.4×12.7×6.7
7MB/E-1200/U200-S5L	1200	215(1dB)	0.92	33@1036&1363MHz	38.1×12.7×7.1
7MB/E-1200/U300-S10WBA	1200	327.7(1dB)	0.94	33@948&1450MHz	40×12×8
7MB/E-1200/U660-S5L	1200	710.5(1dB)	0.55	40@729&1678MHz	38.1×12.7×7.1
6MB/C-1250/U140-18	1250	157.6(1dB)	1.66	40@1.08&1.46GHz	27.2×12.7×6.7
6MB/C-1258/T50-S5	1258	62.1(3dB)	3.9	40@1.18&1.34GHz	31.8×12.7×7.1
5MB/C-1260/H240-18	1260	253.1(0.5dB)	1.19	40@1&1.75GHz	27.2×12.7×6.7
6MB/C-1285/H150-S5A	1285	172(0.5dB)	1.3	40@1.03&1.54GHz	31.8×12.7×5.7
6MB/E-1300/T220-18	1300	244.2(3dB)	1	40@1.1&1.52GHz	27.2×12.7×6.7
4MB/C-1348/U50-14	1348	60(1dB)	-	40@1.25&1.48GHz	24.7×12.7×6.7
7MB/C-1348/U170-18	1348	1.65	174.4(1dB)	40@1.18&1.55GHz	27.2×12.7×6.7
5MB/E-1350/U100-S4G	1350	111(1dB)	2.1	40@1.22&1.48GHz	26×10×6.5
6MB/C-1350/U140-18	1350	183(1dB)	1.67	40@1.15&1.56GHz	27.2×12.7×6.7
5MB/C-1360/H300-S5A	1360	320(0.5dB)	-	40@959&1855MHz	31.8×12.7×5.7
4MB/E-1410/H260-S4A	1410	315(0.5dB)	-	40@1.11&1.79GHz	25×13.2×6.5
6MB/C-1430/U70-18	1430	66.8(1dB)	3.47	40@1.35&1.52GHz	27.2×12.7×6.7
6MB/C-1440/H140-S5A	1440	161(0.5dB)	1.4	40@1.2&1.67GHz	31.8×12.7×5.7
4MB/C-1455/T200-14	1455	176(3dB)	1.8	40@1.15&1.75GHz	24.7×12.7×6.7
6MB/C-1475/U100-S2A	1475	103(1dB)	2.75	40@1.36&1.62GHz	27×20×6.6
5MB/E-1500/U500-S4GA	1500	552.8(1dB)	0.53	40@1.12&1.89GHz	26×10×5.0
6MB/C-1500/U200-18	1500	232(1dB)	1.55	40@1.27&1.77GHz	27.2×12.7×6.7
6MB/C-1550/U166-S5	1550	175(1dB)	1.7	40@1.35&1.75GHz	31.8×12.7×7.1
3MB/C-1575/U35-S9	1575	54.5(1dB)	1.93	40@1.3&1.85GHz	27×12×7
3MB/C-1600/H500-S5S	1600	619.5(0.5dB)	0.39	40@0.55&3.75GHz	19.1×12.7×7.1
4MB/C-1610/T65-14	1610	70(3dB)	3.2	40@1.5&1.75GHz	24.7×12.7×6.7
5MB/C-1750/U60-18	1750	69(1dB)	3.3	40@1.62&1.87GHz	27.2×12.7×6.7
4MB/C-1765/H40-18	1765	43(0.5dB)	3.52	40@1.6&1.9GHz	27.2×12.7×6.7
5MB/C-1790/T330-S2A	1790	0.9	355(3dB)	40@1.38&2.2GHz	27×20×6.6

Part Number	Center Freq. (MHz)	Typ. BW (MHz)	Typ. IL@ f0 (dB)	Min. Attenuation (dB)	Size (mm)
6MB/E-1800/U250-S5A	1800	296(1dB)	1.24	40@1.5&2.09GHz	31.8×12.7×5.7
5MB/C-1840/T170-S5A	1840	180(3dB)	1.8	40@1.59&2.11GHz	31.8×12.7×5.7
4MB/C-1860/T96-S2A	1860	107(3dB)	2.5	40@1.65&2.05GHz	27×20×6.6
6MB/C-1860/H70-S2A	1860	100(0.5dB)	2.52	40@1.72&2.02GHz	27×20×6.6
6MB/C-1883/U166-S5	1883	168(1dB)	2.45	40@1.7&2.11GHz	31.8×12.7×7.1
4MB/C-1935/U370-14	1935	430(1dB)	0.9	40@1.35&2.7GHz	24.7×12.7×6.7
3MB/C-2070/T250-14	2070	236.5(3dB)	-	40@1.3&2.5GHz	24.7×12.7×6.7
7MB/C-2072.5/H120-S10W	2072.5	160.8(0.5dB)	2.3	40@1.88&2.28GHz	40×12×9.5
6MB/E-2100/U600-C3L	2100	652.8(1dB)	0.57	40@1533&2681MHz	38×13×13
6MB/C-2217/U166-S5	2217	167.5(1dB)	2.5	40@2.03&2.44GHz	31.8×12.7×7.1
5MB/C-2280/T100-14	2280	128(3dB)	3.6	40@2.14&2.45GHz	24.7×12.7×6.7
4MB/C-2300/H300-14	2300	363(0.5dB)	0.7	40@1.55&2.9GHz	24.7×12.7×6.7
5MB/E-2500/U1000-S4G	2500	1088.6(1dB)	0.65	40@1.21&3.42GHz	26×10×6.5
4MB/C-2550/U180-S5	2550	234(3dB)	1.75	40@2.3&2.85GHz	31.8×12.7×7.1
5MB/C-3400/U600-S5	3400	740(1dB)	0.8	40@2.6&4.5GHz	31.8×12.7×7.1
5MB/C-3600/T300-S5A	3600	296(1dB)	1.14	40@3.2&4.1GHz	31.8×12.7×5.7
3MB/C-3700/H600-14	3700	-	-	40@1.6&5.7GHz	24.7×12.7×6.7
4MB/C-4100/T300-S2A	4100	351(3dB)	1.6	40@3.7&4.6GHz	27×20×6.6



CONTACT US

-  Address: Buliding 5-1004,Zijin R&D Center,No.89 Shengli Road,Jiangning,Nanjing 211100,China
-  Tel: +86 (25) 52635773
-  Email: sales@sainty-tech.com
-  Fax: +86 (25) 52632557
-  Website: www.sainty-tech.com