1. Cavity Filter / Duplexer / Diplexer / Multiplexer

FEATURE

- Low Insertion Loss(0.2~2dB)
- Excellent Temp. Stability(-40~+85°C)
- High Power Capability(~2KW)
- Multiband(3~11Band Multiplexer)
- Custom Design(~15GHz)

APPLICATION

- TETRA, GSM, WCDMA, LTE, 5G
- Point to Point & Multipoint Radio
- Broadband Wireless Access

■ Cavity Filter / Duplexer / Diplexer / Multiplexer

Cavity Filter

Part Number	Freq. Range (MHz)	IL (dB)	Ripple (dB)	RL (dB)	Attenuation (dB)	Dimension (LxWxH)
C0D253B2L1.5A40S	252 ~ 254	1.5	1.0	20	40 at 230MHz 30 at 300MHz	220x150x41
C1B382.5-392.5B5L2.0A65S	380~385 390~395	2.0	-	20	65 at 390 – 395MHz 65 at 380 – 385MHz	145x106x81
C0F387.5B15L1.5A70N	380 ~ 395	1.5	-	20	70 at 416MHz	125x71x81
C0E392.5B5L2.0A65S	390 ~ 395	2.0	1.0	20	65dBc at 380~385 MHz 65dBc at 416~428 MHz	106x80x81
C0G401.5B3L1.2A90S	400 ~ 403	1.2	1.0	20	90 at 100~394 MHz 90 at 409~1600 MHz	238x122x81
C0F417.8B1.4L3.0A60S	417.4 ~ 418.8	3.0	-	18	60 at 380-400MHz 60 at 420-430 MHz	243x132x81
C1B445B50L2.0A40S	420 – 470	2.0	-	20	40 at 410~ 415 MHz	210x75x81
C1F455-1485B30-110L2.0A40S	440~470 1430~1540	2.0	-	16	40 at 430MHz 40 at 1410 , 1560MHz	140x115x81
C0I647B25L1.5A30N	634.5~659.5	1.5	0.9	20	30 at Fo ± 15 MHz	181x86x76
C0I772B6L2.3A65N	769 ~ 775	2.3	1.5	20	65 at 777 ~ 787 MHz	350x150x75
C1B827.5B43L2.3A50N	806 ~ 849	2.3	2.1	20	50 at 851 ~ 869 MHz	350x150x75
C1H857.35B64.7L1.0A20N	825 ~ 889.7	1.0	0.7	17	20 at 891.8~915 MHz	368x368x143
C0I860B18L2.3A50N	851 ~ 869	2.3	1.5	16	50at 824 ~ 849 MHz	350x150x70
C0D900 B49 L1.0 A66S	876 - 925	1.0	0.5	20	66 at 380 – 470 MHz	92x32x60
C0G902.5B25L1.5A70N	890 ~ 915	1.5	-	18	70 at DC ~ 870 MHz 70 at 935 ~ 960 MHz	86x147x68
C0D915B26L2.0A52S	902 ~ 928	2.0	0.3	20	52 at 815 MHz 52 at 1015 MHz	58x58x60
C0H925 B70 L1.0 A70S	890 ~ 960	1.0	0.5	20	70 at 985 MHz 70 at 870 MHz	154x62x55
C0F1100B20L1.0A80S	1090~1110	1.0	0.8	20	80 at 1065, 1135 MHz	102x70x50
C0F1150B20L1.0A80S	1140~1160	1.0	0.8	20	80 at 1115, 1185 MHz	102x70x50
C0F1200B20L1.0A80S	1190~1210	1.0	0.8	20	80 at 1165, 1235 MHz	102x70x50
C2D1480B1760L1.0A70S	600 ~ 2360	1.0	-	12	70 at 5000MHz	319.3x18.5x14.5
C0G1485B100L0.5A40S	1435 ~ 1535	0.5	-	15	40 min at DC-1335 MHz 40 min .at 1570-6750 MHz	100x50x26
C0F1553B4.4L2.0A60N	1550.8 ~ 1555.2	2.0	1.2	18	40 min.at 1570-6750 MHz	198x134x52
C0H1720.5B14L1.0A40S	1716.5 ~ 1727.5	1.0	0.8	20	40 at Fo ± 12 MHz	182x94x39
C0G1747.5B75L1.0A60S	1710 ~ 1785	1.0	0.8	20	60 at 1805 ~ 1880 MHz	116x66x30
C0F1848B100L1.0A43S	1798 ~ 1898	1.0	0.8	20	43 at DC~1730 MHz 43 at 1960~4000 MHz	78x32x15.6
C0I1947.5-2137.5B25L1.5A40N	1935~1960 2125~2150	1.5		16	40 at 2110 ~ 2120MHz	160x113x30
C0G1950B60L3.0A80N	1920 ~ 1980	3.0	1.5	20	80 at 1895MHz 80 at 2005MHz	136x58x32
C0F2050B120L1.9A72S	1990 ~ 2110	1.9	0.5	20	72 at 1760 MHz 72 at 2340 MHz	88.9x19.05x39
C0F2140B60L1.0A60S	2110 ~ 2170	1.0	0.8	20	60at 1920 ~1980MHz	75x55x32

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Cavity Filter

Part Number	Freq. Range (MHz)	IL (dB)	Ripple (dB)	RL (dB)	Attenuation (dB)	Dimension (LxWxH)
C0F2210B20L0.5A81S	2200~2220	0.5	0.5	20	81dB at 2330MHz 70dB at 2240MHz	138x94x39
C0E2448B100L0.3A70N	2398 ~ 2498	0.3	0.25	20	70 min. at 2000 MHz 60 min. at 2700 MHz	120x77x30
C0F2485B20L1.0A20S	2475 ~ 2495	1.0	.7	20	20 at 2465 & 2505 MHz	144x98x31
C1H2593B194L1.5A50NS	2496 ~ 2690	1.5	1.1	20	50 at 2400 MHz 50 at 3400 ~4000MHz	295x200x40
C1H2350B100L1.0A80DS	2300 ~ 2400	1.0	0.8	20	40 at2270 MHz & 2420 MHz 60at 2250 MHz & 2440MHz ~ 3000MHz	295x200x40
C1F2595B30L1.0A80DS	2580 ~2610	1.0	0.8	20	40at 2570 MHz & 2620 MHz 60at 2550 MHz & 2640MHz ~ 3000MHz	295x200x40
C0H2608B22.6L2.0A50N	2596.7 ~ 2619.3	2.0	-	20	10 at 2588.75 – 2595.75 10 at 2620.25– 2627.25	182x118x39
C0H3300B400L1.0A60S	3100 ~ 3500	1.0	0.8	20	60 at 3000, 3600 MHz	92x46x26
C0G3500B200L0.5A60S	3400 ~ 3600	0.5	0.1	20	60 at 2,000 MHz 60 at 3,700 MHz	97x70x26
C1F3500B200L1.0A80DS	3400 ~ 3600	1.0	0.8	20	40 at 3350 MHz & 3650 MHz 60 at 3300 MHz & 3700MHz ~ 4500MHz	295x200x40
C0D3940B80L0.5A45P	3900 ~ 3980	0.5	0.4	20	45 at 4160 MHz	70x25x18
C0E4408.8B6L3.0A80S	4405.8 ~ 4411.8	3.0	2.0	20	80 at Fo+/-30 MHz	222x152x16
C0F5400B600L1.8A30S	5100~5700	1.8	0.5	20	40.0min at 4750MHz 40.0min at 6100MHz	85x50x16
C1A5500B150L1.0A60	5425 ~ 5575	1.0	0.8	20	60 at 5400, 5600 MHz	355x116x18
CF6475B100L1.5A72S	6425 ~ 6525	1.5	0.4	16	72 at 6220 MHz 72 at 6740 MHz	88.9x19.05x39
C0F6755B80L2.0A70S	6715 ~ 6795	2.0	1.2	18	70 at 6545 ~ 6635 MHz	86x50x16
C0G6950B100L1.0A60	6900 ~ 7000	1.0	0.8	20	60 at 6850 MHz 60 at 7050 MHz	173x76x18
CF7000B250L1.75A70S	6875 ~ 7125	1.75	0.75	18	70 at 6500,7500 MHz 70 at Fo+/-750 MHz	86x50x16
C0E7950B200L0.6A90S	7850 ~ 8050	0.6	0.4	20	90 at 6950 , 8950 MHz	88.9x39x19.05
C0F9300B420L1.285A60S	9090 ~ 9510	1.285	0.6	17	60 at 8400MHz 50 at 10100MHz	90x60x17
C0E10500B220L2.0A60S	10390 ~ 10610	2.0	1.0	15	60 min @ 9000MHz 60 min @ 12000MHz	65.5x42x16
C0E11702B20L3.0A50S	11692 ~ 11712	3.0	-	20	50 at 11632 , 11772 MHz	60x46x16
C0G13000B400L2.0A60S	12800 ~ 13200	2.0	1.2	16	60 at 11800 MHz 60 at 14200 MHz	43x13.7x12.7
C0G15000B400L2.0A60S	14800 ~ 15200	2.0	1.0	17	60 at 13800 MHz 50 at 16200 MHz	43x13.7x12.7
C1B382-392B5L2.0A65S	L: 380 ~ 385 H: 390 ~ 395	2.0	0.5	20	65dBc at 390 ~ 395 MHz 65dBc at 380 ~ 385 MHz	145x106x75
C1B412.5-422.5B5L2.0A65	L: 410 ~ 415 H: 420 ~ 425	2.0	0.5	20	65dBc at 420 ~ 425 MHz 65dBc at 410 ~ 415 MHz	145x106x75
C1D423.75B0.5L2.0A57S	L: 400 ~ 420 H: 427 ~ 428	2.0		18	65 at 423.5 ~ 424 MHz	235x192x81
C1B451.5-461.5B3 L2.0 A65	L: 450 ~ 453 H: 460 ~ 463	2.0	0.5	20	65 at 460 ~ 453 MHz 65 at 450 ~ 453 MHz	145x106x75

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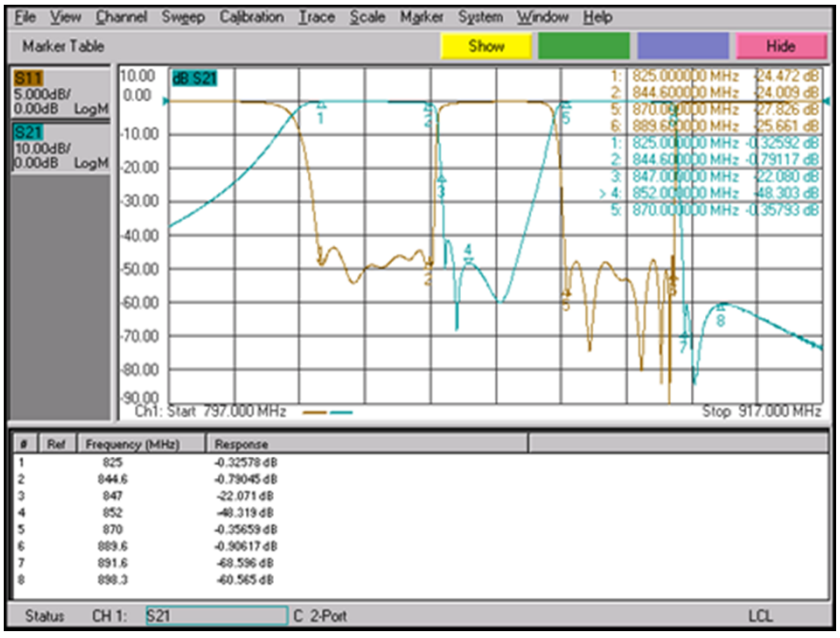
Cavity Filter

Part Number	Freq. Range (MHz)	IL (dB)	Ripple (dB)	RL (dB)	Attenuation (dB)	Dimension (LxWxH)
C1E834.8-879.8B19.6L1.0-1.2A60N	L: 825-844.6 H: 870-889.6	1.0 1.2	1.0	20	60 min at 891.6-898.3 MHz 20 min at 847-852 MHz	380x297x93
C1E1232.5-1568.5B137-87 L0.8A80S	L: 1164 ~ 1301 H: 1525 ~ 1612	0.8	0.8	20	50 at 1002.5 ~ 1062.5 MHz 30 at 1062.5 ~ 1102.5 MHz 30 at 1668.5 ~ 1718.5 MHz 50 at 1718.5 ~ 1798.5 MHz	130x70x42
C1J1485-2250B100L0.5A20S	L: 1435 ~ 1535 H: 2200 ~ 2300	0.5	0.5	20	20 at 1360 ~ 1610 MHz 20 at 2125 ~ 2375 MHz	120x57x32
C1A1675/2375B30L1.5A50-C30S	L: 1660 ~ 1690 H: 2360 ~ 2390	1.5	1.0	20	50 at 1605, 1745MHz 50 at 2305, 2445MHz	88x98x40

PERFORMANCE

[**C1E834.8-879.8B19.6L1.0-1.2A60N**]



Cavity Rejection Filter

Part Number	Rejection BW (MHz)	IL at BW (dB)	Attenuation (dB)	Dimension (LxWxH)
CR0E391.5B3 L1.0 A57S	390 ~ 393	57.0	1.0 at outside 430 ~ 1000 MHz	266x80x81
CR0E454.5B1L1.0A66S	454 ~ 455	66.0	1.0 at DC ~ 429, 492 ~ 1000 MHz	266x80x81
CR1J457.1B0.2L1.0A66S	457.1375+/-100KHz	66.0	1.0 at DC ~ 455, 470 ~ 1000 MHz	266x160x86
CR1J462.1B0.2L1.0A66S	462.1375+/-100KHz	66.0	1.0 at DC ~ 455, 470 ~ 1000 MHz	266x160x86
CR0E953B2L2.0A50S	952 ~ 954	50.0	1.0 at DC ~ 945.5, 960.5 ~ 1500 MHz 2.0 at 945.5~949.5, 956.5 ~ 960.5MHz	280x60x99
CR0D1575.42B1L0.5A60S	1574.92 ~ 1575.92	60.0	0.5 at DC~1550,1600~2500 MHz	193.5x25.4x60
CR0D1575.4B4L0.8A50S	1573.4 ~ 1577.4	50.0	0.8 at 1400 ~ 1545MHz , 0.8 at 1605 ~ 1650 MHz	194x25.4x60
CR0E1575.4B10L1.0A80N	1575.42 MHz ±1Mhz	80	0.5 at 500Mhz to 1545.42 MHz 1605.42 MHz to 2500 MHz	220x55x70
CR0D1925B10L1.9A34S	1920 ~ 1930	34	1.9 at 1910, 1940 MHz	167.5x25.4x52.7
CR0E2137.5B25L1.5A50N	2125~2150	50	1.5 max at 700 ~ 2055MHz , 2200 ~ 3000 MHz	143x25x58

PERFORMANCE

[**CR1J457.1B0.2L1.0A66S**]

Cavity Duplexer

Part Number	Freq. Range (MHz)	IL (dB)	Ripple (dB)	RL (dB)	Attenuation (dB)	Dimension (LxWxH)
C2D138.9R142.15L4.0A90N	L: 138.4 ~ 139.4 H: 141.3 ~ 143	4.0	-	17.2	90 at other band 70 at Cross 140.35 MHz	546x350x133
C0H154R171B1L1.0A65S	L: 154.35 ~ 155.35 H:170.625~ 171.625	1.0	0.8	20	65 at High Band 65 at Low Band	225x350x108
C1B382.5R392.5B5L1.6A65S	L: 380 ~ 385 H: 390 ~ 395	1.6	0.8	20	65 at High Band 65 at Low Band	145x106x75
C1J387.5R420.5B15L1.5A60N	L: 380-395 H: 413-428	1.5	-	20	60 at High Band 60 at Low Band	108x135x81
C1H387.5R440B15-60L1.5A70N	L: 380 ~ 395 H: 420 ~ 425	1.5	-	16	70 at High Band 70 at Low Band	213x98x81
C0H395R460B30-20L1.5A40N	L: 380 ~ 395 H: 420 ~ 425	1.5	-	16	40 at High Band 40 at Low Band	84x149x81
C1B412.5R422.5B5L1.6A65S	L: 410 ~ 415 H: 420 ~ 425	1.6	0.8	20	65 at High Band 65 at Low Band	145x106x75
C1B420R460B20L1.5A70N	L: 410 ~ 430 H : 450 ~ 470	1.5	1.0	20	70 at High Band 70 at Low Band	125x132x81
C1B448R454B1L2.0A65S	L: 448 ~ 449 H: 454 ~ 455	2.0	1.0	20	65 at High Band 65 at Low Band	230x240x81
C1J454.5R461B3L3.0A60S	L: 453 ~ 456 H: 459.5 ~ 462.5	3.0	2.0	20	60 at High Band 60 at Low Band	144x106x81
C3B455R465B5L1.5A100N	L: 452.5 ~ 457.5 H: 462.5 ~ 467.5	1.5	1.2	18	100 at High Band 100 at Low Band	482.6x262x88
C1F483.8875F486.8875B1.5L3.0A100N	L:483.0125-484.7625 H:486.0125-487.7625	3.0	-	20	100 at High Band 100 at Low Band	482.6x432x133
C1H500.75R503.75B0.725L4.2A80S	L:500.3875~ 501.1125 H:503.3875~ 504.1125	4.2	2.0	20	80 at High Band 80 at Low Band	258x160x81
C2D707-742.5-781.5L2.0A95DS	L: 698 – 716 & 776 – 787 H: 728 – 757	2.0	1.5	16	95 at High Band 95 at Low Band	238x132x51
C3F717R772B38L1.5A100N	L: 698~736 H: 753~791	1.5	1.2	18	100 at High Band 100 at Low Band	482.6x203x44
C1D718R773B30L1.5A70NS	L: 703~733 H: 758~788	1.5	1.0	20	70 at High Band 70 at Low Band	110X120X41
C1J734.5F789.5B3L1.0A75NS	L: 733 – 736 H: 788 – 791	1.0	0.5	20	75 at High Band 75 at Low Band	110X120X41
C1B742.5R799B12L2.0A95DS	L: 763 – 775 H: 793 – 805	2.0	1.5	16	95 at High Band 95 at Low Band	200X132X51
C1J769R799B6L1.0A70S	L: 763~775 H: 793~805	1.0	0.8	20	70 at High Band 70 at Low Band	132X68X51
C3F806R847B30L1.5A80NS	L: 791~821 H: 832~862	1.6	1.1	20	80 at High Band 80 at Low Band	295X200X43
C1D806F847B30L1.1A80DS	L: 791~821 H: 832~862	1.1	0.8	20	80 at High Band 80 at Low Band	124X120X51
C1F815R860B18L2.5A95DS	L: 806 ~ 824 H: 851 – 869	2.5	1.5	16	95dB at 851 ~ 869MHz 50dB at DC ~ 786MHz 95 dB at 806~ 824MHz 15 dB at 879 ~ 889MHz	238x132x51
C2J833R878B32L2.7A95DS	L: 817 - 849 H: 862 – 894	2.7	1.8	16	10 at851 – 862 MHz 95 at862 – 894 MHz 95 at806 – 849 MHz 10 at896 – 902 MHz	238x132x51
C1E836.5F881.5B25L1.5A89NS	L: 824 ~ 849 H: 869 ~ 894	1.5	1.5	18	65 at High Band 65 at Low Band	175X130X54
C1J840R885B10L1.0A80S	L: 835 ~ 845 H: 880 ~ 890	1.0	0.3	20	80 at High Band 80 at Low Band	126x73x74
C1J888R933B25L1.0A60S	L: 876 ~ 901 H: 921 ~ 946	1.0	0.5	20	60 at High Band 60 at Low Band	187.5x44x66

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Cavity Duplexer

Part Number	Freq. Range (MHz)	IL (dB)	Ripple (dB)	RL (dB)	Attenuation (dB)	Dimension (LxWxH)
C1F897.5R942.5B35 L1.4 A85N	L: 880 ~ 915 H: 925 ~ 960	1.4	1.0	20	85 at High Band 85 at Low Band	136x113x54
C1B897.5R942.5B35L0.8A40N	L: 880 ~ 915 H: 925 ~ 960	0.8	-	20	40 at High Band 40 at Low Band	139x144x62
C1B899R938B6L2.2-2.7A95DS	L: 896 ~ 902 H: 935 ~ 941	2.7	1.8	16	20 at869 – 894 MHz 95 at935 – 941 MHz	135x130x32
		2.2			95 at896 – 902 MHz	
C1D902.5R947.5B25L1.0A70N	L: 890 ~ 915 H: 935 ~ 960	1.0	-	20	70 at High Band 70 at Low Band	105x114x60
C1C908.5R925.5B13-5L2.4A75S	L: 902 ~ 915 H: 923 ~ 928	2.4	0.5	14	75 at High Band 65 at Low Band	152.4x88.9x44
C1B915R2040B90-260L0.5A70N	L: 870~960 H: 1910~2170	0.5	0.3	20	70 at High Band 70 at Low Band	95x70x52
C1B920R1795B80-170L0.5A80N	L: 880~960 H: 1710~1880	0.5	0.25	20	80 at High Band 80 at Low Band	95x70x52
C1B947R1842B25-75L1.0A60N	L: 935~960 H: 1805~1880	1.0	0.5	20	60 at High Band 60 at Low Band	95x70x52
C1B1362R1504B25L2.0A80NS	L: 1350~1375 H: 1492~1517	2.0	0.5	20	80 at High Band 80 at Low Band	70x74x32
C1B1425R1535B10L0.5A80S	L: 1422~1428 H: 1532~1538	0.5	0.3	20	80 at High Band 80 at Low Band	228x154x40
C1D1443R1508B37L1.5A80S	L: 1422~1428 H: 1532~1538	1.5	1.0	20	80 at High Band 80 at Low Band	112x112x30
C0H1542R1643B34L0.7A55S	L: 1525~1559 H: 1626.5 ~1660.5	0.7	0.4	20	55 at High Band 55 at Low Band	87x125x34
C1B1732.5R2132.5L1.5A95DS	L: 1710~1755 H: 2110~2155	1.5	1.0	20	30 at1650-1690 MHz 95 at 2110 – 2155 MHz	212x113x51
					75 at DC – 1995 MHz 15 at 2165-2400 MHz	
C1B1747.5R1842.5B75L0.8A40N	L: 1710 ~1785 H: 1805~1880	0.8	-	20	40 at High Band 40 at Low Band	139x144x32
C1H1747.5R1842.5B75L1.0A90N	L: 1710 ~1785 H: 1805~1880	1.0	-	20	90 at High Band 90 at Low Band	214x162x32
C1B1787.5R2057.5L0.5A50S	L: 1710~1865 H: 1945~2170	0.5	-	18	60 at High Band 60 at Low Band	92x90x32
C1H1795R2045B170/250L1.5A40S	L: 1710~1880 H: 1920~2170	1.5	-	18	60 at High Band 60 at Low Band	120x105x32
C1D1852R1937B5/15L1.0A80S	L: 1850~1855 H: 1930~1945	1.0	0.6	20	80 at High Band 80 at Low Band	200x63x34
C1D1877R1957B15L1.0A85S	L: 1870~1885 H: 1950~1965	1.0	0.6	20	85 at High Band 85 at Low Band	200x63x34
C1F1880R1960B60L1.0A70S	L: 1850~1910 H: 1930~1990	1.0	0.5	20	70 at High Band 70 at Low Band	149x128x30
C2J1882.5R1962.5B65L2.0A95DS	L: 1850~1915 H: 1930~1995	2.0	1.5	16	95 at High Band 95 at Low Band	21x3x51
C1D1892R1972B5L1.0A85S	L: 1890~1895 H: 1970~1975	1.4	0.6	20	85 at High Band 85 at Low Band	200x63x34
C1J1950R2140B60L0.7A90S	L: 1920~1980 H: 2110~2170	0.7	0.5	20	90 at High Band 90 at Low Band	72x89x32
C0H2099R2274B20L1.5A80S	L: 2089.5~2109.5 H: 2164.5~2184.5	1.5	0.5	20	80 at High Band 80 at Low Band	84x110x30
C0H2410R2450B4L2.0A70S	L: 2408~2452 H: 2448~2452	2.0	1.0	20	70 at High Band 70 at High Band	92x51x30
C1D2534R2630B49L0.8A75	L: 2510~2559 H: 2606~2655	0.8	0.4	20	80 at High Band 80 at Low Band	120x127x31
C1B2535R2655B70L1.0A90S	L: 2500~2570 H: 2620~2690	1.0	0.5	18	90 at High Band 90 at Low Band	135x147x29

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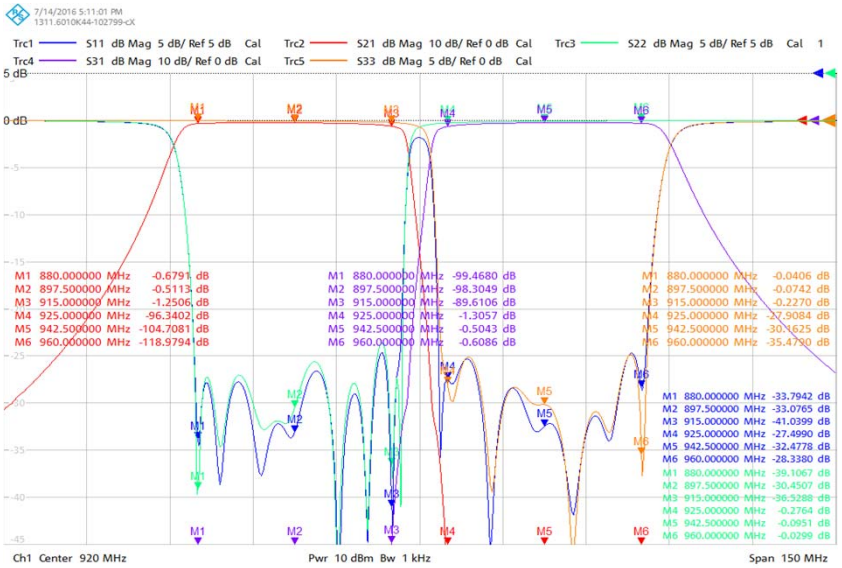
Cavity Duplexer

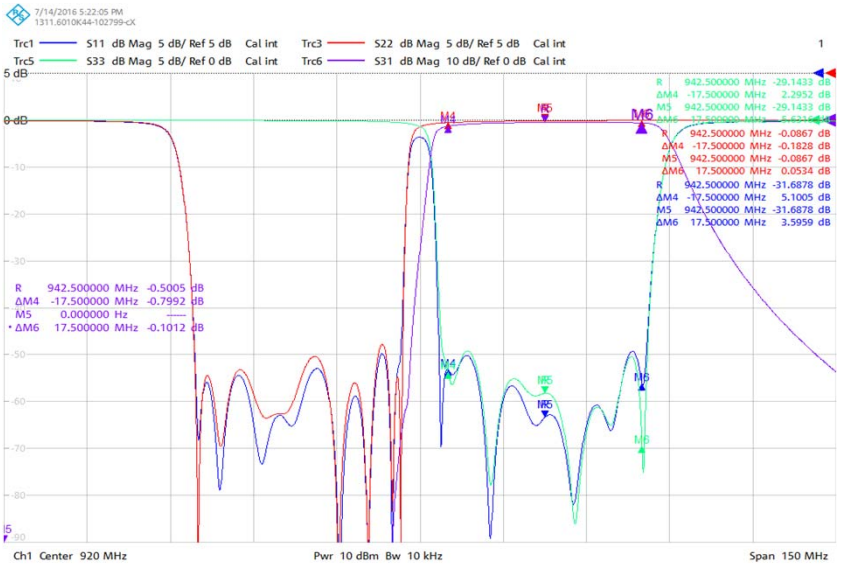
Part Number	Freq. Range (MHz)	IL (dB)	Ripple (dB)	RL (dB)	Attenuation (dB)	Dimension (LxWxH)
C1B3425R3525B50L0.8A70S	L: 3400 ~3450 H: 3500 ~3550	1.0	0.5	20	75 at High Band 75 at Low Band	114x90x22
C1D3680R4000B160L1.5A75NS	L: 3600~3760 H: 3920~4080	1.5	-	20	75 at High Band 75 at Low Band	180x110x16
C1D4400R5000B200L0.3A40S	L: 4300~4500 H: 4900~5100	0.3	0.3	20	75 at High Band 75 at Low Band	180x110x16
C1B4525R4875B250L0.7A75S	L: 4400~4650 H: 4850~5100	0.7	0.5	20	75 at High Band 75 at Low Band	121.5x102x26
C1D4947R4982B15L2.8A75S	L: 4940~4955 H: 4975~4990	2.8	1.5	20	65 at High Band 65 at Low Band	273x87x15.6
C1D5520R5675B100L2.5A65S	L: 5470~5570 H: 5625~5725	2.5	1.2	20	65 at High Band 65 at Low Band	186.8x57x15.6
C1D5750R5825B50L2.5A65S	L: 5725~5775 H: 5800~5850	2.5	1.2	20	65 at High Band 65 at Low Band	186.8x57x15.6
C1D6019F6271B181L1.8A65S	L: 5929~6110 H: 6181~6362	1.8	1.2	20	65 at High Band 65 at Low Band	260x53.3x15.6
C1F6520F6860 B180 L1.5 A65NS	L: 6430 - 6610 H: 6770 – 6950	1.5	1.0	18	65 at High Band 65 at Low Band	180x110x16
C1D7285F7446B85L1.8A65NS	L: 7243 - 7328 H: 7404 – 7489	1.8	-	17	65 at High Band 65 at Low Band	180x110x16
C1D7516F7355B85L1.8A65 NS	L: 7474~7559 H: 7313~7398	1.8	1.2	20	65 at High Band 65 at Low Band	180x110x16
C1D7784R8095B125L1.5A75NS	L: 7722~7847 H: 8033~8158	1.5	1.0	17	75 at High Band 75 at Low Band	180x110x16
C1D7926R8237B106L1.5A75NS	L: 7873~7979 H: 8184~8290	1.5	-	17	75 at High Band 75 at Low Band	180x110x16
C1D8347F8466B66L1.8A65NS	L: 8012~8141 H: 8278~8407	1.8	-	17	65 at High Band 65 at Low Band	180x110x16
C1D8541R7709B100L1.8A65NS	L: 7491~7591 H: 7659~7759	1.8	1.5	17	65 at High Band 65 at Low Band	180x110x16
C1J10195R10545 B90 L1.0 A50S	L: 10150~10240 H: 10500~10590	1.0	0.8	15	50 at High Band 50 at Low Band	102x55x16
C1B12910R13180B165L1.5A40S	L:12827.5~129925 H:13097.5~13262.5	1.5	1.0	18	40 at High Band 40 at Low Band	78x72x16
C1J14500R15500B400L1.5A70S	L: 14300~14700 H: 15300~15700	1.5	1.0	15	70 at High Band 70 at Low Band	8x72x16

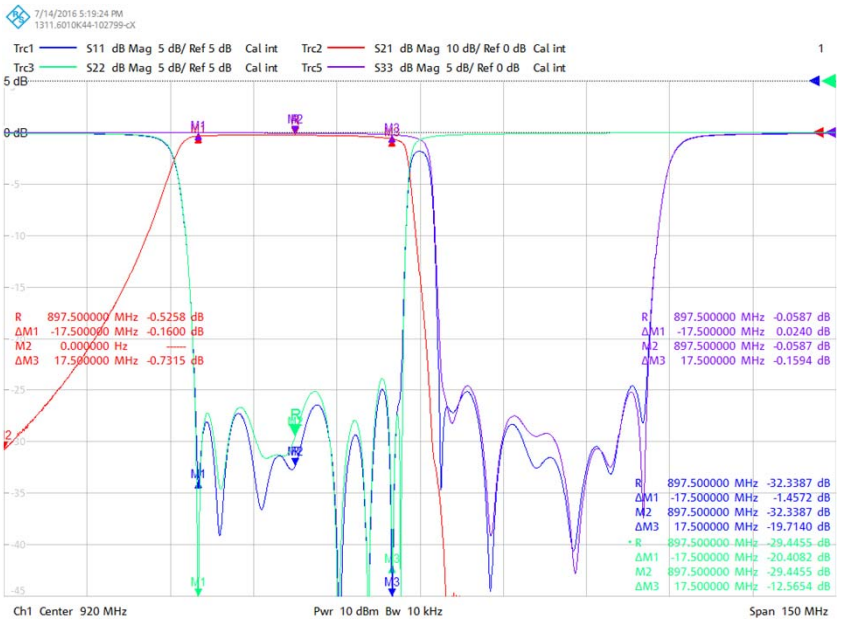
PERFORMANCE

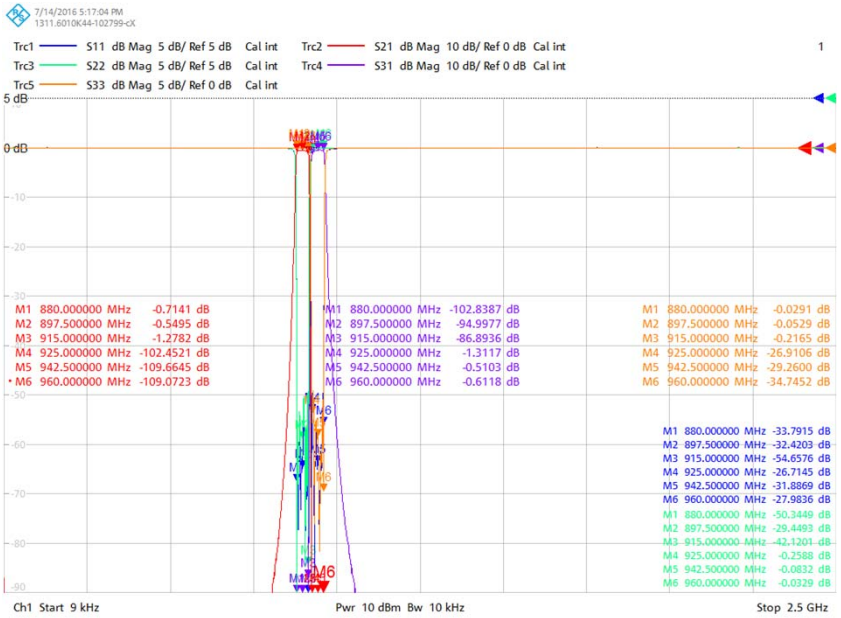
[C1F897.5R942.5B35L1.4A85N]



■ Cavity Filter / Duplexer / Diplexer / Multiplexer







Cavity Multiplexer

Part Number	Freq. Range (MHz)		IL (dB)	Ripple (dB)	RL (dB)	Attenuation (dB)	Dimension (LxWxH)
C1H392.5-420-456 L2.0 A60S	P1	390~395	2.0	-	20.0	60 at 380~385	212x112x81
	P2	410.1~ 410.125				60 at420.1~420.125	
	P3	455~457				60 at 465~467	
C3D725.5-780.5-834.85-897.85L1.9-1.2A90NS	P1	703~748	1.9	1.4	18	85at each other band	200x150x84
	P2	758~803	1.9	1.4			
	P3	825~844.7	1.2	0.8			
	P4	870~889.7	1.2	0.8			
C2A766.5-802.5-860L2.0A4.0A83DS	P1	758~775	2.0	1.5	16	83 at 788 ~ 960	250x200x38
	P2	788~817	2.0	1.5		83 at7 58 ~ 775	
	P3	851~862	4.0	3.5		30 at 817 ~ 848.5	
C3C788-877.5-952.5-1493.4-1880.3-2140L5.0A30NS	P1	773 ~ 803	5.0	-	18	30at each other band	215x96x41
	P2	860 ~ 895	5.0				
	P3	945 ~ 960	5.0				
	P4	1475.9 ~ 1510.9	5.0				
	P5	1844.9 ~ 1915.7	5.0				
	P6	2110 ~ 2170	5.0				
C4J806-847-1747.5-1842.5B30-75L2.3-2.0A90S	P1	832 ~ 862	2.3	1.5	18	90at each other band	183x100x73
	P2	791 ~ 821	2.3	1.5			
	P3	1710 ~ 1785	2.0	1.4			
	P4	1805~ 1880	2.0	1.4			
C5J806-847-897.5-942.5-1950-2140L1.2-2.0A95DS	P1	832–862	2.0	1.6	14	95 at P1	222x226.5x60
	P2	791–821	2.0	1.6		95 at P1	
	P3	880–915	2.0	1.6		95 at P4	
	P4	925–960	2.0	1.4		95 at P3	
	P5	1920-1980	1.2	1.0		95 at P6	
	P6	2110-2170	1.2	1.0		95 at P5	
C1E881.5-1962.5-2140-2655B25-70L1.0A60S	P1	869 – 894	1.0	0.5	16	60at each other band	151x101x63
	P2	1930 – 1995	1.0	0.5			
	P3	2110 – 2170	1.0	0.5			
	P4	2620 –2690	1.0	0.5			
C4J897.5-942.5-1747.5-1842.5L2.0-2.5A85S	P1	880 ~ 915	2.5	1.5	18	85at each other band	183x100x78
	P2	925 ~ 960	2.5	1.5			
	P3	1710 ~ 1785	2.0	1.4			
	P4	1805~ 1880	2.0	1.4			
C1E897.5-1747.5-1950L1.0 A70S	P1	880~915	1.0	-	20.0	70 at 1710	120x120x60
	P2	1710~1785				70 at 915, 1920	
	P3	1920~1980				70 at 1785	
C1E913-1842-2140L1.0A70GD20IS	P1	866 ~ 960	1.0	-	20.0	70 at P2	120x120x60
	P2	1805~1880				70 at P1,P3	
	P3	2110~ 2170				70 at P1	
C3C1747.5-1842.5-1950-2140B75-60L1.9-1.5A85S	P1	1710~1785	1.9	1.5	18	85at each other band	183x100x73
C1B1787.5R1932.5/2122.5L0.5-0.8A50S	P1	1710~1865	0.5	-	20.0	50 at 1920~1945	92x90x32
	P2	1920~1945	0.8			50 at 2110~2135	
	P3	2110~2135				50 at 1710~1865	
C1J1867/1867/1947B5A30-50S	P1	1865~1870	0.6	0.3	20.0	50 at 1945~1950 70 at 2000~4000	190x71x37.5
	P1	1865~1870	1.0			30 at 1945~1950 40 at 2000~4000	
	P2	1945~1950	0.5			30 at 1865~1870 40 at 2000~4000	
C4C2250R2332R2435L2.0A50N	P1	2200~2300	3.5	1.5	17.0	50 at 2305~2319 50 at 2346~2360	192x348x73
	P2	2320~2345					
	P3	2370~2500					
C2ET910-12002350L1.0A80S	P1	890~930	1.0	-	14.0	80 at P2,P3	150x150x70
	P2	1050~1350				80 at P1,P3	
	P3	2200~2500				80 at P1,P2	

Cavity Multiplexer

Part Number	Freq. Range (MHz)		IL (dB)	Ripple (dB)	RL (dB)	Attenuation (dB)	Dimension (LxWxH)
C2D880-1795-2045L0.2-0.5A50-70D	P1	800-960	0.2	0.2	20.0	50 at P2,P3	190x180x60
	P2	1710-1880	0.5	0.5		70 at P2,P3	
	P3	1920-2170					
C1H3660-3740-3820B39L1.8A80S	P1	3640.5 -3679.5	1.8	1.0	17.0	10 min @ Fc ±24.5 MHz 20 min @ Fc ±29.5 MHz	142x152x65
	P2	3720.5–3759.5					
	P3	3800.5–3839.5					
C2D382.5-412.5-392.5-422.5 B5L2.0 A42S	P2	380~385	2.0	1.0	18.0	42 at 390~395 42 at 420 ~425	170x136x97
	P3	410~415					
	P3	390~395				42 at 380~385 42 at 410~415	
	P4	420~425					
C3B836-881-1880-1960B60 L1.4-1.9A85NS	P1	824~849	1.4	0.7	16.0	90 at P2	200x109x61
	P2	869~894				90 at P1	
	P3	1850~1910	1.9	1.0		80 at P4	
	P4	1930~1990				80 at P3	
C2D897.5-942.5-1950-2140 L1.0-1.5 A55-60S	P1	880~915	1.5	1.0	16	55 at 925~960 70 at 1920~2170	101x151x63
	P2	925~960				55 at 880~915 70 at 1920~2170	
	P 3	1920~1980	0.8	0.5		70 at 880~960 60 at 2110~2170	
	P4	2110~2170	0.8	0.5		70 at 880~960 60 at 1920~1980	
C2H902-947-1747-1842L1.0A70NS	P1	890~915	1.0	0.5	18	70at each other band	180x154x61
	P2	965~960					
	P3	1710~1785					
	P4	1805~1880					
C3A1747.5-1842.5-1950-2140 L1.5-0.8A95-65NS	P1	1710~1785	1.5	1.0	18.0	89 at P2	158x183x54
	P2	1805~1880				95 at P1, 82 at P3	
	P3	1920~1980	0.8	0.5	18.0	60 at P2, 70 at P4	
	P4	2110~2170				65 at 0~1980	
C3F501.0313-504.0313-507.0688 -510.0688L4.0A85S	P1	500.1875-501.8750	4.0	2.0	18	85at each other band	464x351x163
	P2	503.1875-504.8750					
	P3	506.5500-507.5875					
	P4	509.5500-510.5875					
C5J897.5-942.5-1747.5-1842.5-1950 -2140L3.0 A83NS	P1	880~915	3.0	2.2	16.0	83 at P2,1710~2170	289.5x199.5 x33.5
	P2	925~960				83 at P1,1710~2170	
	P3	1710~1785				83 at 880~960 83 at1805~2170	
	P4	1805~1880				83 at 1710~1785 83 at 1920~2170	
	P5	1920~1980	2.2	2.0		83 at 880~960 83 at 1710~1880	
	P6	2110~2170				83 at 880~960 83 at 1710~1980	
C4D815-860-899-938-1882.5 -1962.5L2.0A95DS	P1	806 – 824	2.0	1.2	14.0	95at each other band	199x226.5x52
	P2	851 – 869					
	P3	896 – 902					
	P4	935 – 941					
	P5	1850 – 1915					
	P6	1930 ~ 1995					
CS897/942/1747/1842/1950/2140 /2450A85	P1	880~915	2.5	1.5	16.0	85at each other band	140x300x68
	P2	925~960					
	P3	1710~1785					
	P4	1805~1880					
	P5	1920~1980					
	P6	2110~2170					
	P7	2400~2500	1.5				

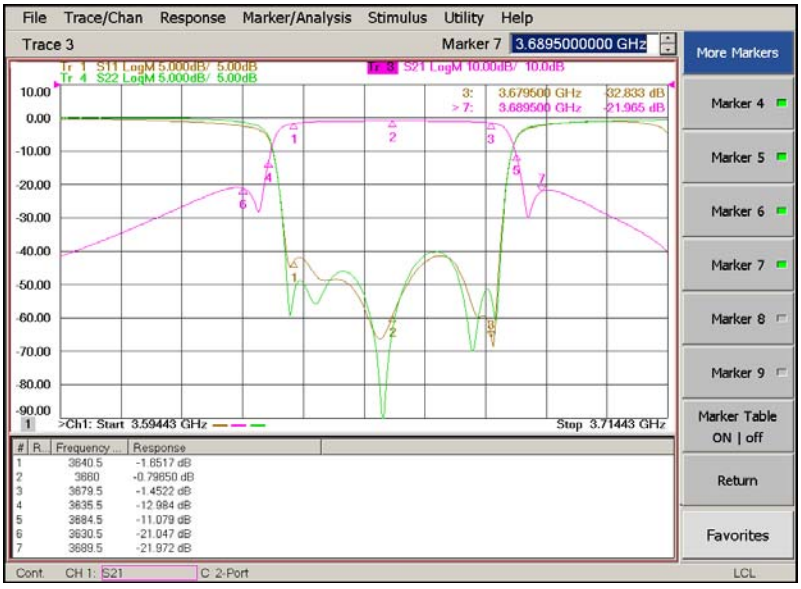
Cavity Multiplexer

Part Number	Freq. Range (MHz)		IL (dB)	Ripple (dB)	RL (dB)	Attenuation (dB)	Dimension (LxWxH)
C6J707-742.5-781.5-836.5-881.5-1882.5-1962.5L3.0 A83NS	P1	698~716	3.0	2.5	16.0	83 at P2,P5,P6	289.5x199.5x33.5
		776~787					
	P2	728~757				83 at 776~849	
	P3	824~849		2.2		83 at P4	
	P4	869~894				83 at 698~849	
	P5	1850~1915		2.0		83 at 698~894, P6	
	P6	1930~1995				83 at 698~894, P5	
C8J707-742.5-812.5-872.5-1732.5-1882.5-1962.5-2132.5L5.0A100NS	P1	698~716	1.5	1.2	14	100at each other band	200x199x84
	P2	728~757	1.5	1.2		100at each other band	
	P3	776~849	5.0	3.0		100min. @ P1,P2,P5, P6,P7,P8 40min. @ P4	
	P4	851 ~ 894	5.0	3.0		100min. @ P1,P2,P5, P6,P7,P8 40min. @ P3	
	P5	1850 ~ 1915	2.0	1.2		100at each other band	
	P6	1930~1995	2.0	1.2		100at each other band	
	P7	1710~1755	1.5	1.2		100at each other band	
	P8	2110~2155	1.5	1.2		100at each other band	
C10H806-847-897.5-942.5-1747.5-1842.5-1950-2140-2535-2655L3.0A83NS	P1	832~862	3.0	2.0	14	83at each other band	300x291x69
	P2	791~821					
	P3	880~915					
	P4	925~960					
	P5	1710~1785					
	P6	1805~1880					
	P7	1920~1980					
	P8	2110~2170					
	P9	2500~2570					
	P10	2620~2690					
C12J707-742.5-781.5-827.5-832.75-877.75-938-1732.5-1882.5-1962.5-2132.5L5.0A83NS	P1	728 ~ 757	3.0	2.5	14	83at each other band	300x291x80
	P2	698~716 776~787	3.0	2.5			
	P3	817 ~ 848.5	5.0	3.5			
	P4	862 ~ 893.5	5.0	3.5			
	P5	896.5~902	5.0	3.5			
	P6	935~941	3.0	2.0			
	P7	1850~1915	3.0	2.0			
	P8	1930~1995	3.0	2.0			
	P9	1710 ~ 1755	3.0	2.0			
	P10	2110 ~ 2155	3.0	2.0			

PERFORMANCE

[C1H3660-3740-3820B39L1.8A80S]

Port1



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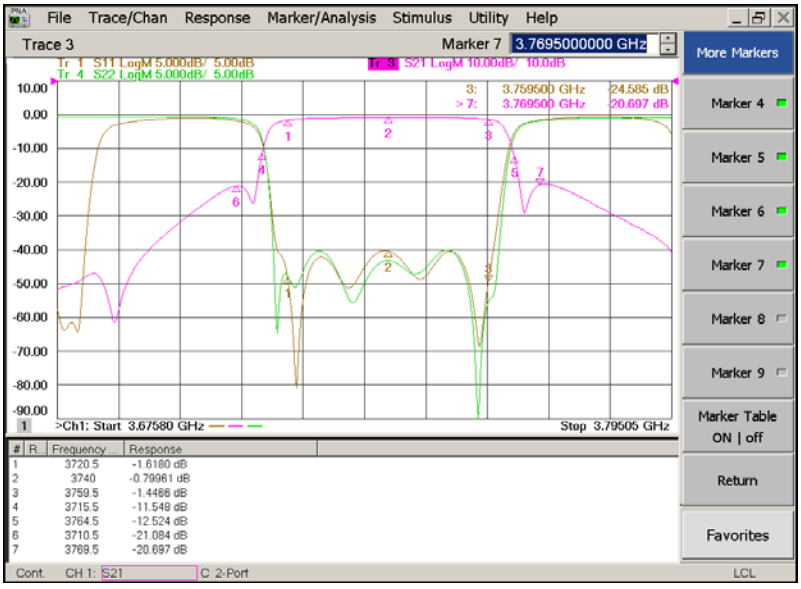
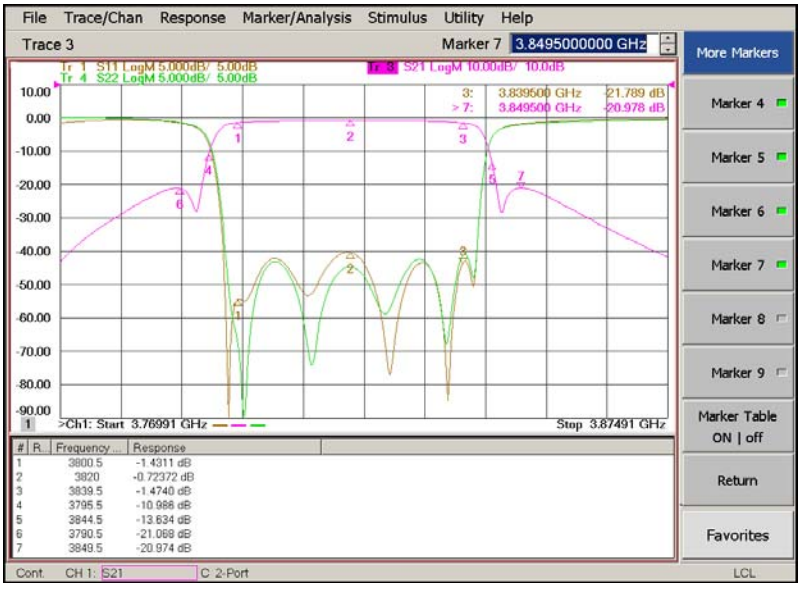
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