

Cavity Filter & Duplexer & Multiplexer

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Feature

- Excellent Temperatures Stability
- Custom Design
- High Reliability
- Triplexer, Fourplexer, Sixplexer

Application

- TRS, GSM, Cellular
- DCS, PCS, UMTS, IMT-2000, WCDMA
- Point-to-point & Multipoint Radio
- Broadband Wireless Access



Cavity Filter

Specification

Part Number	Frequency Range (MHz)	I.L. (dB) (max)	Ripple (dB) (min)	R.L. (dB) (min)	Imped. (ohm)	Attenuation (dB)(min)
CF344B85L1.2A60	301~386	1.2	0.7	20	50	60 at 225 & 500 MHz
CF350B85L1.2A60	307~392	1.2	0.7	20	50	60 at 225 MHz
CF378/408B2.5L2.0A65 (Dual BPF)	L: 377.5~380 H: 407.5~410	2.0	1.0	20	50	65 at Low Band 65 at High Band
CF382/392B5L2.0A65 (Dual BPF)	L: 380~385 H: 390~395	2.0	0.5	20	50	65 at Low Band 65 at High Band
CF412/422B5L2.0A65 (Dual BPF)	L: 410~415 H: 420~425	2.0	1.0	20	50	65 at Low Band 65 at High Band
CF414/424B5L2.0A65 (Dual BPF)	L: 412~417 H: 422~427	2.0	1.0	20	50	65 at Low Band 65 at High Band
CF415/425B5L2.0A65 (Dual BPF)	L: 413~418 H: 423~428	2.0	1.0	20	50	65 at Low Band 65 at High Band
CF416/426B5L2.0A65 (Dual BPF)	L: 414~419 H: 424~429	2.0	1.0	20	50	65 at Low Band 65 at High Band
CF417/427B5L2.0A65 (Dual BPF)	L: 415~420 H: 425~430	2.0	1.0	20	50	65 at Low Band 65 at High Band
CF419/429B5L2.0A65 (Dual BPF)	L: 416.5~421.5 H: 426.5~431.5	2.0	1.0	20	50	65 at Low Band 65 at High Band
CF420/430B5L2.0A65 (Dual BPF)	L: 418~423 H: 428~433	2.0	1.0	20	50	65 at Low Band 65 at High Band
CF441/446B2L2.0A65 (Dual BPF)	L: 440~442 H: 445~447	2.0	1.0	20	50	65 at Low Band 65 at High Band
CF442/447B1L3.0A60 (Dual BPF)	L: 442.0~443.0 H: 447.0~448.0	3.0	2.0	20	50	60 at Low Band 60 at High Band
CF443/449B2L3.0A60 (Dual BPF)	L: 442~444 H: 448~450	3.0	1.0	16	50	60 at Low Band 60 at High Band
CF448/454B1L4.0A65 (Dual BPF)	L: 448~449 H: 454~455	4.0	2.5	20	50	65 at 454~455MHz 65 at 457~463MHz 65 at 448~449MHz 45 at 457~463MHz
CF452B5L2.0A65	450~455	2.0	0.5	20	50	65 at 460~465 MHz
CF457/463B1L4.0A65 (Dual BPF)	L: 457.1~458.1 H: 462.6~463.6	4.0	3.0	20	50	45 at 454~455MHz 65 at 462.6~463.6MHz 65 at 448~449MHz 65 at 457.1~468.1MHz
CF457.3/467.3B2L2.0A65 (Dual BPF)	L: 456.31~458.31 H: 466.31~468.31	2.0	1.5	20	50	65 at 466.31~468.31 65 at 456.31~458.31
CF497B6L1.2A70	494~500	1.2	0.5	20	50	1dBc (Fo ± 3.5 MHz) 15dBc (Fo ± 4.5 MHz) 50dBc (Fo ± 6 MHz) 70dBc (Fo ± 7.5 MHz)
CF753B6L1.5A60	750~756	1.5	1.0	20	50	60 at 708 MHz 60 at 788 MHz
CF800B100L0.4A60	750~850	0.4	0.4	20	50	60 at 965 MHz

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CF836B18L1.0A80	827~845	1.0	0.5	20	50	20 at 821MHz 20 at 851MHz 80 at 875~888.5MHz
CF840B10L1.0A85	835~845	1.0	0.6	20	50	85 at 880~890MHz 75 at 80~800MHz 75 at 1.0~4.0GHz
CF852B55L1.0A65	825~880	1.0	0.5	20	50	65 at 890MHz
CF859B15L3.0A50	851~866	3.0	0.5	20	50	50 at 849 MHz 50 at 869 MHz
CF863B55L0.7A70	835~890	0.7	0.5	20	50	70 at 897.5 MHz
CF869B2L1.0A30	868~870	1.0	0.8	20	50	30 at 886MHz
CF878B18.5L3.0A40	869~887.5	3.0	0.5	20	50	40 at 849 MHz 40 at 890 MHz
CF881B25L3.0A40	869~894	3.0	0.5	20	50	40 at 849 MHz 40 at 900 MHz
CF902B25L3.0A40	890~915	3.0	0.5	20	50	40 at 887.5~890 MHz 40 at 915~936 MHz
CF902B25L0.7A65	890~915	0.7	0.6	20	50	65 at 935~960 MHz
CF908B13L3.0A40	902~915	3.0	0.5	20	50	30 at 894~902 MHz 30 at 915~947 MHz
CF922B10L1.0A85	917~927	1.0	0.8	20	50	3 at Fo+/- 7MHz 85 at Fo +/-22.5MHz
CF937B10L1.0A85	932~942	1.0	0.8	20	50	3 at Fo+/- 7MHz 85 at Fo +/-22.5MHz
CF947B25L0.7A65	935~960	0.7	0.6	20	50	65 at 890~915 MHz
CF948B6L2.2A75	945~951	2.2	1.0	20	50	75 at DC~940MHz 75 at 956~1900MHz
CF948B10L2.2A75	943~953	2.2	1.0	20	50	75 at DC~936MHz 75 at 960~1900MHz
CF1100B20L1.0A80	1090~1110	1.0	0.8	20	50	80 at 1065, 1135
CF1150B20L1.0A80	1140~1160	1.0	0.8	20	50	80 at 1115, 1185
CF1200B20L1.0A80	1190~1210	1.0	0.8	20	50	80 at 1165, 1235
CF1320B20L1.0A85	1310~1330	1.0	0.5	20	50	85 at 1000 MHz
CF1443/1508B37L1.5A80 (Dual BPF)	L: 1425~1462 H: 1490~1527	1.5	1.0	20	50	80 at 1490~1527 MHz 80 at 1425~1642 MHz
CF1475B20L1.0A85	1465~1485	1.0	0.5	20	50	85 at 1000MHz
CF1485-2250B100L0.5A20 (Dual BPF)	L: 1435~1535 H: 2200~2300	0.5	0.5	20	50	20 at 1360~1610 20 at 2125~2375
CF1580B20L1.0A85	1570~1590	1.0	0.5	20	50	85 at 1000 MHz
CF1675B46A40	1652~1698	2.0	0.5	20	50	40 at 1625~1725MHz 55 at 1600~1750MHz
CF1675/2375B30L1.5A50-C30 (Dual BPF)	L: 1660~1690 H: 2360~2390	1.5	1.0	20	50	50 at 1605, 1745MHz 50 at 2305, 2445MHz

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CF1848B100L1.0A43	1798~1898	1.0	0.8	20	50	43 at DC~1730 43 at 1960~4000
CF1880/1960B20L2.0A80 (Dual BPF)	L: 1870~1890 H: 1950~1970	2.0	0.5	20	50	60 at DC~1830MHz 80 at 1920~3500MHz 80 at DC~1890MHz
CF1905B10L1.2A25	1900~1910	1.2	0.6	20	50	25 at 1920~1980MHz
CF1950B60L0.5A70	1920~1980	0.5	0.3	20	50	70 at 2110~2170 MHz
CF2040B20L1.0A85	2030~2050	1.0	0.5	20	50	85 at 1000 MHz
CF2140B60L1.0A60	2110~2170	1.0	0.8	20	50	60 at 1880MHz
DLF2140B100D0.8NDA	2090~2190	0.4	0.3	20	50	Delay time: 8.0ns
CF2275B35L1.5A50	2257.5~2292.5	1.5	1.0	20	50	50 at Fo+/-72.5MHz
CF2485B20L1.0A20	2475~2495	1.0	0.7	20	50	20 at 2465 & 2505 MHz
CF2500B600L1.0A60	2200~2800	1.0	0.5	20	50	-3 at +/-350 MHz max. -10 at +/-375 MHz max. -30 at +/-550 MHz max. -60 at +/-900 MHz max.
DLF2600B200D10	2500~2700	0.5	0.3	20	50	Delay time: 11.0ns
CF2618B142L2.0A30	2547.5~2690.0	2.0	1.5	20	50	30 at 10MHz offset
CF3300B400L1.0A60	3100~3500	1.0	0.8	20	50	60 at 3000, 3600 MHz
CF3300B120L1.0A60	3240~3360	1.0	0.8	20	50	60 at 3200, 3400 MHz
CF4408.8B6L3.0A80	4405.8~4411.8	3.0	2.0	20	50	80 at Fo+/-30
CF5000B200L1.0A105	4900~5100	1.0	0.8	20	50	105 at 4300~4500
CF4946B12L2.0A60B	4940.25~4952.25	2.0	1.0	20	50	60 at Fo+/-30MHz
CF4946.5B12L3.0A90	4940.5~4952.5	3.0	1.0	20	50	90 at Fo+/-30MHz
CF4983B12L2.0A60B	4977.75~4989.75	2.0	1.0	20	50	60 at Fo+/-30MHz
CF4983.5B12L3.0A90	4977.5~4989.5	3.0	1.0	20	50	90 at Fo+/-30MHz
CF5500B150L1.0A60	5425~5575	1.0	0.8	20	50	60 at 5400, 5600 MHz
CF6950B100L1.0A60	6900~7000	1.0	0.8	20	50	60 at 6850 MHz 60 at 7050 MHz

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Cavity Rejection Filter

Specification

Part Number	Rejection Band-Width(MHz)	I.L. at BW (dB)(max)	Attenuation	R.L. (dB)(min)
CRF454.5B1L1.0A66	454~455	66.0	1.0 at DC~429, 492~1,000	10 at DC~429 15 at 492~1,000
CRF457.1B0.2L1.0A66	457.1375+/-100KHz	66.0	1.0 at DC~455, 470~1,000	13 at DC~455, 470~1,000
CRF462.1B0.2L1.0A66	462.1375+/-100KHz	66.0	1.0 at DC~455, 470~1,000	13 at DC~455, 470~1,000

Cavity Filter, Duplexer, Diplexer & Multiplexer

Cavity Duplexer & Diplexer

Specification

Part Number	Frequency Range (MHz)	I.L. (dB) (max)	Ripple @BW (dB)(max)	R.L. (dB) (min)	Imped. (ohm)	Attenuation (dB) (min)
CD154R171B1L1.0A65	L: 154.35~155.35 H: 170.625~171.625	1.0	0.8	20	50	65 at Low Band 65 at High Band
CD378/408B2.5L2.0A65	L: 377.5~380 H: 407.5~410	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD380/390B0.5L2.0A85	L: 380~380.5 H: 390~390.5	2.0	0.3	20	50	85 at Low Band 85 at High Band
CD381R391B2L2.0A80	L: 380~382 H: 390~392	2.0	1.0	20	50	80 at Low Band 80 at High Band
CD382/392B5L2.0A65	L: 380~385 H: 390~395	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD382/392B5L2.0A75	L: 380~385 H: 390~395	2.0	1.0	1.0	50	75 at Low Band 75 at High Band
CD387/397B5L2.0A65	L: 385~390 H: 395~400	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD387/423B14/12L1.5A65	L: 380~393.5 H: 417.2125~428.7125	1.5	1.0	20	50	65 at Low Band 65 at High Band
CD387/440B15/75L2.0/3.5A70	L: 380~395 H:403~478	2.0 3.5	3.0	20	50	70 at Low Band 70 at High Band
CD390R427B10/1.5L1.0A40	L: 385~395 H: 427.2125~428.7125	1.0	0.8	20	50	40 at Low Band 40 at High Band
CD391R446B3.5-38.3L1.0A60	L: 390~393.5 H: 427.2125~465.5	1.0	0.8	20	50	60 at Low Band 60 at High Band
CD392/402B5L1.6A60	L: 390~395 H: 400~405	1.6	1.0	20	50	60 at Low Band 60 at High Band
CD397/422B5L2.0A65	L: 395~400 H: 420~425	2.0	1.0	20	50	65 at Low Band 65 at High Band

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CD408.375R416.8575 B2.415/3.415L2.0A90	L: 407.150~409.565 H: 415.150~418.565	2.0	1.0	20	50	90 at 407.150~418.565
CD412/422B5L2.0A65	L: 410~415 H: 420~425	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD414/424B2.25L2.0A60	L: 413.5~415.75 H: 423.5~425.75	2.0	0.5	18	50	60 at Low Band 60 at High Band
CD414/424B5L2.0A65	L: 412~417 H: 422~427	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD415R426B5.5L2.0A75C20	L: 412.5~418 H: 423.5~429	2.0	1.0	20	50	75 at Low Band 75 at High Band
CD414/424B1.9L2.0A65	L: 413.3~415.2 H: 423.3~425.2	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD415/425B5L2.0A65	L: 413~418 H: 423~428	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD415.7/425.7B5L2.0A65	L: 413.2~418.2 H: 423.2~428.2	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD416/426B5L2.0A65	L: 414~419 H: 424~429	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD417/427B5L2.0A65	L: 415~420 H: 425~430	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD419/429B5L2.0A65	L: 416.5~421.5 H: 426.5~431.5	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD420/430B5L2.0A65	L: 418~423 H: 428~433	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD423/460B12/11L1.0A40	L: 417~429 H: 455~466	1.0	0.7	20	50	40 at Low Band 40 at High Band
CD424R429B1.7/0.7L2.0A80	L: 423.8~425.5 H: 428.8~429.5	2.0	1.0	20	50	80 at Low Band 80 at High Band
CD432.5R437.5B2L2.0A65	L: 431.5~433.5 H: 436.5~438.5	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD441/446B2L2.0A65	L: 440~442 H: 445~447	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD442/447B1L2.0A65	L: 442~443 H: 447~448	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD443/449B2L3.5A55	L: 442~444 H: 448~450	3.5	1.5	20	50	55 at Low Band 55 at High Band
CD443/449B2L3.0A60	L: 442~444 H: 448~450	3.0	1.0	16	50	60 at Low Band 60 at High Band
CD446/456B5L2.0A65	L: 444~449 H: 454~459	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD448/454B1L2.0A65	L: 448~449 H: 454~455	2.0	1.0	20	50	65 at 454~455MHz 65 at 457~463MHz 65 at 448~449MHz 45 at 457~463MHz

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CD451/461B2L2.0A75	L: 450~452 H: 460~462	2.0	1.5	20	50	75 at Low Band 75 at High Band
CD452/462B5L2.0A65	L: 450~455 H: 460~465	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD453.15R458.15B0.5L2.0A80	L: 452.9~453.4 H: 457.9~458.4	2.0	1.0	20	50	80 at Low Band 80 at High Band
CD454/464B5L2.0A65	L: 452.4~457.4 H: 462.4~467.4	2.0	1.0	20	50	65 at Low Band 65 at High Band
CD457/463B1L2.0A65	L: 457.1~458.1 H: 462.6~463.6	2.0	1.0	20	50	45 at 454~455 65 at 462.6~463.6 65 at 448~449 65 at 457.1~468.1
CD457.3R467.3B2L2.0A65	L: 456.31~458.31 H: 466.31~468.31	2.0	1.5	20	50	65 at 466.31~468.31 65 at 456.31~458.31
CD460.25R465.25B0.5L2.0A80	L: 460~460.5 H: 465~465.5	2.0	1.0	20	50	80 at Low Band 80 at High Band
CD476/486B4L2.0A65	L: 474~478 H: 484~488	2.0	0.5	20	50	65 at Low Band 65 at High Band
CD813/858B15L0.8A50	L: 806~821 H: 851~866	0.8	0.4	20	50	50 at Low Band 50 at High Band
CD815/860B18L1.0A85	L:806~824 H:851~869	1.0	0.5	18	50	85 at Low Band 85 at High Band
CD817/862B2L1.0A65	L: 816.5~818.5 H: 861.5~863.5	1.0	0.4	20	50	65 at Low Band 65 at High Band
CD817/862B2L1.0A75	L: 816.5~818.5 H: 861.5~863.5	1.0	0.5	20	50	75 at Low Band 75 at High Band
CD822/867B2L1.0A65	L: 821~823 H: 866~868	1.0	0.4	20	50	65 at Low Band 65 at High Band
CD829/874B11L0.8A60	L: 824~835 H: 869~880	0.8	0.5	20	50	60 at Low Band 60 at High Band
CD829/874B11L1.0A80	L: 824~835 H: 869~880	1.0	0.8	20	50	80 at Low Band 80 at High Band
CD830/875B10L1.0A65	L: 835~835 H: 870~880	1.0	0.6	20	50	70 at Low Band 70 at High Band
CD830/875B10L1.5A80	L: 825 ~ 835 H: 870 ~ 880	1.5	0.3	20	50	80 at Low Band 80 at High Band
CD830/875B11L0.8A60	L: 824~835 H: 869~880	0.8	0.5	20	50	60 at Low Band 60 at High Band
CD831/876B13L0.8A80	L: 825~838 H: 870~883	0.8	0.6	18	50	80 at Low Band 80 at High Band
CD835/879B10L0.7A70	L: 825~845 H: 869~888.5	0.7	0.3	20	50	70 at Low Band 70 at High Band
CD836/881B25L3.0A40	L: 824~849 H: 869~894	3.0	2.5	20	50	40 at Low Band 40 at High Band

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CD836/881B25L0.5A60	L: 824~849 H: 869~894	0.5	0.4	20	50	60 at Low Band 60 at High Band
CD836/881B25L1.2A85	L: 824~849 H: 869~894	1.2	0.7	18	50	85 at Low Band 85 at High Band
CD836/881B25L1.5A90	L: 824~849 H: 869~894	1.0	0.8	20	50	90 at Low Band 90 at High Band
CD836/931B60/58L0.5A90	L: 806~866 H: 902~960	0.5	0.4	20	50	90 at Low Band 90 at High Band
CD837/920B63/49L1.0A60	L: 806~869 H: 896~945	1.0	0.5	20	50	60 at Low Band 60 at High Band
CD840/885B10L1.0A80	L: 835~845 H: 880~890	1.0	0.3	20	50	80 at Low Band 80 at High Band
CD840/885B10L1.3A85C30	L: 835~845 H: 880~890	1.3	0.6	20	50	85 at Low Band 85 at High Band
CD842/887B7L1.3A90	L: 835~849 H: 880~894	1.3	0.6	20	50	90 at Low Band 90 at High Band
CD842/887B14L1.0A70	L: 835~849 H: 880~894	1.0	0.5	20	50	70 at Low Band 70 at High Band 50Db at 902MHz
CD842/934B73/51L0.8A50	L: 806~879 H: 909~960	0.8	0.5	20	50	50 at Low Band 50 at High Band
CD878/923B4L1.5A63	L: 876~880 H: 921~925	1.5	0.5	20	50	63 at Low Band 63 at High Band
CD881/2045B25/250L0.5A70	L: 869~894 H: 1920~2170	0.5	0.3	20	50	70 at Low Band 70 at High Band
CD888/933B25L1.0A60	L: 876~901 H: 921~946	1.0	0.5	20	50	60 at Low Band 60 at High Band
CD892/1940B136/460L0.5A50	L: 824~960 H: 1710~2170	0.5	0.4	20	50	50 at Low Band 50 at High Band
CD895/940B39L1.9A65	L: 876~915 H: 921~960	1.9	1.0	20	50	65 at Low Band 65 at High Band
CD895/940B19L0.6A70	L: 886~905 H: 931~950	0.6	0.3	20	50	70 at Low Band 70 at High Band
CD897/942B15L0.5A80	L: 890~905 H: 935~950	0.5	0.3	20	50	80 at Low Band 80 at High Band
CD897/942B35L1.5A60	L: 880~915 H: 925~960	1.5	1.0	20	50	60 at Low Band 60 at High Band
CD898/943B35L1.0A90	L: 880 ~ 915 H: 925 ~ 960	1.0	0.5	20	50	90 at Low Band 90 at High Band
CD900/1850B200/300L0.8A20	L: 800~1000 H: 1700~2000	0.8	0.5	20	50	20 at Low Band 20 at High Band
CD902/947B25L0.5A30	L: 890~915 H: 935~960	0.5	0.4	20	50	30 at Low Band 30 at High Band
CD902/947B25L1.0A40	L: 890~915 H: 935~960	1.0	0.8	20	50	40 at Low Band 40 at High Band

Cavity Duplexer & Diplexer

Specification

Part Number	Frequency Range (MHz)	I.L. (dB) (max)	Ripple @BW (dB)(max)	R.L. (dB) (min)	Imped. (ohm)	Attenuation (dB) (min)
CD902/947B25L1.0A60	L: 890~915 H: 935~960	1.0	0.5	20	50	60 at Low Band 60 at High Band
CD902/947B8L1.0A60	L: 898~906 H: 943~951	1.0	0.5	20	50	60 at Low Band 60 at High Band
CD902/947B27L3.0A60	L: 889~916 H: 934~961	3.0	1.5	20	50	60 at 925 MHz
CD902DA947B25L0.8A80DR (DC Bypass)	RX1: 890~915 RX2: 890~915 TX: 935~960	0.8	0.6	20	50	80 at other band Isolation: 50
CD902/947B24L0.8A75	L: 890~914 H: 935~959	0.8	0.5	20	50	75 at Low Band 75 at High Band
CD902/947B25L1.0A90	L: 890~915 H: 935~960	1.0	0.8	20	50	90 at Low Band 90 at High Band
CD903/948B7.5L1.0A80	L: 900~907.5 H: 945~952.5	1.0	0.5	20		80 at Low Band 80 at High Band
CD909/954B13L0.8A60	L: 902~915 H: 947~960	0.8	0.5	20	50	60 at Low Band 60 at High Band
CD909/954B13L0.7A80	L: 902~915 H: 947~960	0.7	0.3	20	50	80 at Low Band 80 at High Band
CD913/1795B94/170L1.0A80	L: 866 ~ 960 H: 1710 ~ 1880	1.0	0.8	18	50	80 at Low Band 80 at High Band
CD913/958B2L1.0A50	L: 912~914 H: 957~959	1.0	0.5	20	50	50 at Low Band 50 at High Band
CD915/948B26/8A80	L: 902~928 H: 944~952	1.5	75 9 0.5	20	50	80 at Low Band 80 at High Band
CD915/2040B90/260L0.5A70	L: 870~960 H: 1910~2170	0.5	0.3	20	50	70 at Low Band 70 at High Band
CD920/1795B80/170L0.5A80	L: 880~960 H: 1710~1880	0.5	0.25	20	50	80 at Low Band 80 at High Band
CD925/2045B80/250L1.0A60	L: 890~960 H: 1920~2170	1.0	0.8	20	50	60 at Low Band 60 at High Band
CD925/1795B70/170L0.5A30	L: 890~960 H: 1710~1880	0.5	0.3	15	50	30 at Low Band 30 at High Band
CD933/942B4/3L2.0A80	L: 931~935 H: 941~944	2.0	0.6	20		80 at Low Band 80 at High Band
CD941/1842B12/75L1.0A70	L: 935~947 H: 1805~1880	1.0	0.5	18	50	70 at Low Band 70 at High Band
CD947/1842B25/75L1.0A60	L: 935~960 H: 1805~1880	1.0	0.5	20	50	60 at Low Band 60 at High Band
CD1232R1569B137/88L0.6A50	L: 1164~1301 H: 1525~1613	75 4 0.6	0.5	20	50	61 at 990, 29 at 1350 50 at 1450, 58 at 1700
CD1443/1508B37L1.5A80	L: 1425~1462 H: 1490~1527	1.5	1.0	20	50	80 at Low Band 80 at High Band
CD1542/1643B34L0.7A55	L: 1525 ~1559 H: 1626.5 ~1660.5	0.7	0.4	20	50	55 at Low Band 55 at High Band

Cavity Duplexer & Diplexer

Specification

Part Number	Frequency Range (MHz)	I.L. (dB) (max)	Ripple @BW (dB)(max)	R.L. (dB) (min)	Imped. (ohm)	Attenuation (dB) (min)
CD1792.5F2045B75-250L1.5A50	L: 1705~1880 H: 1920~2170	1.5	1.0	20	50	50 at Low Band 50 at High Band
CD1718/1813B15L1.0A65	L: 1710 ~1725 H: 1805 ~1820	1.0	0.5	20	50	65 at Low Band 65 at High Band
CD1722/1817B5L1.0A70	L: 1720 ~1725 H: 1815 ~1820	1.0	0.7	20	50	70 at 1710~1785MHz 70 at 1805~1880MHz
CD1723/1818B25L0.7A70	L: 1710~1735 H: 1805~1830	0.7	0.5	20	50	70 at Low Band 70 at High Band
CD1737/1832B55L1.0A70	L: 1710~1765 H: 1805~1860	1.0	0.7	20	50	70 at Low Band 70 at High Band
CD1747/1842B25L1.5A80	L: 1710~1785 H: 1805~1880	1.5	0.5	20	50	80 at Low Band 80 at High Band
CD1747/1842B25L1.5A80	L: 1710~1785 H: 1805~1880	1.0	0.8	20	50	90 at Low Band 90 at High Band
CD1747/1842B34L0.7A105	L: 1730~1764 H: 1825~1859	0.7	0.4	20	50	105 at Low Band 105 at High Band 35 at 1696MHz 35 at 1893MHz
CD1747/1842B75L1.2A50	L: 1710 ~ 1785 H: 1805 ~ 1880	1.2	1.0	20	50	50 at Low Band 50 at High Band
CD1747/1842B75L1.4A60	L: 1710 ~ 1785 H: 1805 ~ 1880	1.4	0.65	20	50	60 at Low Band 60 at High Band
CD1747/1842B75L1.5A70	L: 1710~1785 H: 1805~1880	1.5	1.0	20	50	70 at Low Band 70 at High Band
CD1747/1842B75L1.5A65	L: 1710 ~1785 H: 1805~1880	1.5	1.0	20	50	65 at Low Band 65 at High Band
CD1747/1842B75L0.7A80	L: 1710 ~1785 H: 1805~1880	0.7	0.5	20	50	80 at Low Band 80 at High Band
CD1747DA1842B65L0.8A80DR (DC Bypass)	RX1: 1710~1785 RX2: 1710~1785 TX: 1805~1880	0.8	0.6	20	50	80 at other band Isolation: 50
CD1747/1842B75L1.0A90	L: 1710~1785 H: 1805~1880	1.0	0.8	20	50	90 at Low Band 90 at High Band
CD1754/1849B28L0.7A105	L: 1740 ~1768 H: 1835~1863	0.7	0.5	20	50	105 at Low Band 105 at High Band
CD1773/1868B25L0.8A60	L: 1760~1785 H: 1855~1880	0.8	0.5	20	50	60 at Low Band 60 at High Band
CD1780/1875B10L0.7A85	L: 1775~1785 H: 1870~1880	0.7	0.6	20	50	85 at Low Band 85 at High Band
CD1795/2045B170/250L1.0A40	L: 1710~1880 H: 1920~2170	1.0	0.6	20	50	40 at Low Band 40 at High Band
CD1795/2045B170/250L0.5A50	L: 1710~1880 H: 1920~2170	0.5	0.4	20	50	50 at Low Band 50 at High Band
CD1795/2045B170/250L0.6A75	L: 1710~1880 H: 1920~2170	0.6	0.5	20	50	75 at Low Band 75 at High Band

Cavity Duplexer & Diplexer

Specification

Part Number	Frequency Range (MHz)	I.L. (dB) (max)	Ripple @BW (dB)(max)	R.L. (dB) (min)	Imped. (ohm)	Attenuation (dB) (min)
CD1795/2443B170/83L2.0A115	L: 1710~1880 H: 2402~2485	2.0	1.0	20	50	115 at Low Band 115 at High Band
CD1852/1937B5/15L1.0A80	L: 1850~1855 H: 1930~1945	1.0	0.6	20	50	80 at Low Band 80 at High Band
CD1857/1932B15/5L0.8A85	L: 1850~1865 H: 1930~1935	0.8 1.2	1.0	20	50	85 at Low Band 85 at High Band
CD1860/1940B20L2.0A80	L: 1850~1870 H: 1930~1950	2.0	0.5	20	50	80 at 1830~1850 80 at 1910~1930
CD1867/1947B5L1.0A50-75C20	L: 1865~1870 H: 1945~1950	1.0	0.3	20	50	50 at 1945~1950MHz 75 at 2~4GHz 75 at 1865~1870MHz 70 at 2~4GHz
CD1867/1947B5L0.6/0.8A50/75	L: 1865~1870 H: 1945~1950	0.6 0.8	0.3	20	50	50 at 1945~1950MHz 70 at 2000~4000MHz 75 at 1865~1870MHz 70 at 2000~4000MHz
CD1870/1950B20L1.0A75	L: 1860~1880 H: 1940~1960	1.0	0.5	15	50	75 at Low Band 75 at High Band
CD1877/1957B15L1.0A85C30	L: 1870~1885 H: 1950~1965	1.0	0.6	20	50	85 at Low Band 85 at High Band
CD1880/1960B60L1.4A60	L: 1850~1910 H: 1930~1990	1.4	0.65	20	50	60 at Low Band 60 at High Band
CD1880/1960B60L2.0A60	L: 1850~1910 H: 1930~1990	2.0	1.0	20	50	60 at Low Band 60 at High Band
CD1880/1960B60L1.0A70	L: 1850~1910 H: 1930~1990	1.0	0.5	20	50	70 at Low Band 70 at High Band
CD1880/1960B60L1.5A75	L: 1850~1910 H: 1930~1990	1.7	1.0	18	50	75 at Low Band 75 at High Band
CD1880.5R1960.5B41L1.0A60	L: 1860~1910 H: 1940~1981	1.0	0.5	20	50	60 at Low Band 60 at High Band
CD1880/1960B20L2.0A80	L: 1870~1890 H: 1950~1970	2.0	0.5	20	50	80 at 1850~1870 80 at 1930~1950
CD1880R1960B60L1.8A90	L: 1850~1910 H: 1930~1990	1.8	1.5	20	50	90 at Low Band 90 at High Band
CD1892/1972B5L1.0A85	L: 1890~1895 H: 1970~1975	1.4	0.6	20	50	85 at Low Band 85 at High Band
CD1900/1980B20L2.0A80	L: 1890~1910 H: 1970~1990	2.0	0.5	20	50	80 at 1870~1890 80 at 1950~1970
CD1902/1982B15L0.7A80	L: 1895~1910 H: 1975~1990	0.7	0.6	20	50	80 at Low Band 80 at High Band
CD1907/1987B5L1.0A85	L: 1985~1990 H: 1905~1910	1.0	0.6	20	50	85 at Low Band 85 at High Band
CD1927/2117B15L1.2A70	L: 1920~1935 H: 2110~2125	1.2	0.8	20	50	70 at Low Band 70 at High Band

Cavity Duplexer & Diplexer

Specification

Part Number	Frequency Range (MHz)	I.L. (dB) (max)	Ripple @BW (dB)(max)	R.L. (dB) (min)	Imped. (ohm)	Attenuation (dB) (min)
CD1927/2117B15L1.0A105	L: 1920~1935 H: 2110~2125	1.0	1.0	20	50	105 at Low Band 105 at High Band
CD1950/2140B60L0.8A60	L: 1920~1980 H: 2110~2170	0.8	0.3	18	50	60 at Low Band 50 at 1810~1880MHz 60 at High Band 60 at 2250~2310MHz
CD1950/2140B60L1.0A60	L: 1920~1980 H: 2110~2170	1.0	0.6	20	50	60 at Low Band 60 at High Band
CD1950/2140B60L1.2A70	L: 1920 ~ 1980 H: 2110 ~ 2170	1.2	0.5	20	50	70 at Low Band 70 at High Band
CD1950/2140B60L0.5A80	L: 1920~1980 H: 2110~2170	0.5	0.3	20	50	80 at Low Band 80 at High Band
CD1950/2140B60L0.8A80	L: 1920~1980 H: 2110~2170	0.8	0.5	20	50	80 at Low Band 80 at High Band
CD1952/2142B15L1.2A70	L: 1945~1960 H: 2135~2150	1.2	0.8	20	50	70 at Low Band 70 at High Band
CD1952/2142B15L1.0A105	L: 1945~1960 H: 2135~2150	1.0	1.0	20	50	105 at Low Band 105 at High Band
CD1967/2157B15L1.2A70	L: 1960~1975 H: 2150~2165	1.2	0.8	20	50	70 at Low Band 70 at High Band
CD1967/2157B15L0.8A75	L: 1960~1975 H: 2150~2165	0.8	0.4	20	50	75 at Low Band 75 at High Band
CD1972/2162B15L0.7A75	L: 1965~1980 H: 2155~2170	0.7	0.2	20	50	12 at 2000MHz 50 at 1880MHz 75 at 2110~2170MHz 65 at 2030MHz 65 at 2295MHz 75 at 1920~1980MHz
CD2072/2250B95/100L0.5A80	L: 2025~2120 H: 2200~2300	0.5	0.4	18	50	80 at Low Band 80 at High Band
CD2099/2274B20L1.5A80	L: 2089.5~2109.5 H: 2164.5~2184.5	1.5	0.5	20	50	80 at Low Band 80 at High Band 80 at 2 nd Harmonics
CD2101/2276B20L1.5A80	L: 2091.5~2111.5 H: 2266.5~2286.5	1.5	0.5	20	50	80 at Low Band 80 at High Band 80 at 4203MHz 80 at 4553MHz
CD2205/4975B390/250L0.9A50	L: 2010~2400 H: 4850~5100	0.7	0.5	20	50	50 at Low Band 50 at High Band
CD2410/2450B4L2.0A70	L: 2408~2452 H: 2448~2452	2.0	1.0	20	50	70 at Low Band 70 at High Band
CD2415/2465B30L1.0/3.0A70	L: 2400~2430 H: 2450~2480	1.0	0.4	20	50	70 at Low Band 70 at High Band

Cavity Duplexer & Diplexer

Specification

Part Number	Frequency Range (MHz)	I.L. (dB) (max)	Ripple @BW (dB)(max)	R.L. (dB) (min)	Imped. (ohm)	Attenuation (dB) (min)
CD2415/2465B30L1.0/3.0A70	L: 2400~2430 H: 2450~2480	3.0	1.5	20	50	70 at Low Band 70 at High Band
CD2430/2470B4L2.0A70	L: 2428~2432 H: 2468~2472	2.0	1.0	20	50	70 at Low Band 70 at High Band
CD2534/2630B49L0.8A75	L: 2510~2559 H: 2606~2655	0.8	0.4	20	50	80 at Low Band 80 at High Band
CD2650/3500B300/200L1.5A25	L: 2500~2800 H: 3400~3600	1.5	1.0	16	50	25 at Low Band 25 at High Band
CD3473/3573B40L2.0A65	L: 3453~3493 H: 3553~3593	2.0	1.2	20	50	65 at Low Band 65 at High Band
CD3680/4000B160L1.5A75	L: 3600~3760 H: 3920~4080	1.5	1.0	20	50	75 at Low Band 75 at High Band
CD4400R5000B200L0.3A40	L: 4300~4500 H: 4900~5100	0.3	0.3	20	50	40 at 4300~5100
CD4457/4757B131L1.5A75	L: 4392~4523 H: 4692~4823	1.5	1.0	20	50	75 at Low Band 75 at High Band
CD4525/4975B250L0.7A75	L: 4400~4650 H: 4850~5100	0.7	0.5	20	50	75 at Low Band 75 at High Band
CD4945/4645B126L1.5A75	L: 4582~4708 H: 4882~5008	1.5	1.0	20	50	75 at Low Band 75 at High Band
CD4947/4982B15L2.8A65	L: 4940~4955 H: 4975~4990	2.8	1.5	20	50	45at 4990~11000MHz 65 at 4975~4990MHz 45 at DC~4940MHz 65 at 4940~4955MHz
CD5270/5330B40L2.8A65	L: 5250~5290 H: 5310~5350	2.8	1.5	20	50	65 at Low Band 65 at High Band
CD5750/5825B50L2.5A65	L: 5725~5775 H: 5800~5850	2.5	1.2	20	50	65 at Low Band 65 at High Band
CD6049/6301B238/178L2.5A65	L:5930~6168 H:6212~6390	2.5	1.5	20	50	65 at Low Band 65 at High Band
CD7158R7334B108/111L1.8A65	L: 7104~7212 H: 7279~7390	2.5	2.0	17	50	65 at Low Band 65 at High Band
CD7226R7390B90/111L1.8A65	L: 7181~7271 H: 7335~7446	2.5	2.0	17	50	65 at Low Band 65 at High Band
CD7455/7609B61L1.5A65	L: 7425~7486 H: 7579~7640	1.5	1.0	20	50	65 at Low Band 65 at High Band
CD7347F7508B91L1.8A65	L: 7302~7393 H: 7463~7554	2.5	2.0	17	50	65 at Low Band 65 at High Band
CD7485R7653B100L1.8A65	L: 7435~7535 H: 7603~7703	1.8	1.5	17	50	65 at Low Band 65 at High Band
CD7516/7355B85L1.8A65	L: 7474~7559 H: 7313~7398	1.8	1.2	20	50	65 at Low Band 65 at High Band

Cavity Duplexer & Diplexer

Specification

Part Number	Frequency Range (MHz)	I.L. (dB) (max)	Ripple @BW (dB)(max)	R.L. (dB) (min)	Imped. (ohm)	Attenuation (dB) (min)
CD7485F7653B100L1.8A65	L: 7435~7535 H: 7603~7703	1.8	1.5	17	50	65 at Low Band 65 at High Band
CD7488R7733B130L1.5A75	L: 7423~7553 H: 7668~7798	1.8	1.5	17	50	65 at Low Band 65 at High Band
CD7596R7841B123L1.5A75	L: 7535~7658 H: 7780~7903	1.5	1.0	17	50	75 at Low Band 75 at High Band
CD7784R8095B125L1.5A75	L: 7722~7847 H: 8033~8158	1.5	1.0	17	50	75 at Low Band 75 at High Band
CD8541R7709B100L1.8A65	L: 7491~7591 H: 7659~7759	1.8	1.5	17	50	65 at Low Band 65 at High Band
CD7681/7527B90L1.8A65	L: 7636~7726 H: 7482~7572	1.8	1.2	20	50	65 at Low Band 65 at High Band
CD7784R8095B125L1.5A75	L: 7722~7847 H: 8033~8158	1.0	0.8	17	50	65 at Low Band 65 at High Band
CD7904F8215B125L1.5A75	L: 7842~7967 H: 8153~8278	1.0	0.8	17	50	65 at Low Band 65 at High Band
CD8076.5F8342.5B129L1.5A65	L: 8012~8141 H: 8278~8407	1.5	1.0	17	50	65 at Low Band 65 at High Band
CD8076.5R8342.5B129L1.5A65	L: 8278~8407 H: 8012~8141	1.5	1.0	17	50	65 at Low Band 65 at High Band
WD12910/13180B165L1.5A40	L: 12,827.5~12,992.5 H: 13,097.5~13,262.5	1.5	1.0	18	50	40 at Low Band 40 at High Band
WD14795/15215B100L1.0A80	L: 14,745~14,845 H: 15,165~15,265	1.0	1.0	18	50	80 at Low Band 80 at High Band

Cavity Multiplexer

Specification

Part Number		Frequency Range (MHz)	I.L. (dB) (max)	Ripple (dB) (max)	R.L. (dB) (max)	Imped. (ohm)	Attenuation (dB) (min)
CT859/1795/2045L1.0A60 (Triplexer)	Port 1	824~894	1.0	0.8	20.0	50	60@P2, P3
	Port 2	1710~1880					60@P1, P3
	Port 3	1920~2170					60@P1
CT892/1795/2045L0.5A50 (Triplexer)	Port 1	824~960	0.5	0.4	20.0	50	50 at 1920~2170MHz
	Port 2	1710~1880					50 at 1920~2170MHz
	Port 3	1920~2170					50 at 824~1880MHz
CT902/1747/1950L1.0A70 (Triplexer)	Port1	890~915	1.0	0.8	20.0	50	70 at 1710~1980MHz
	Port2	1710~1785					70 at 890~915MHz 70 at 1920~1980MHz
	Port3	1920~1980					70 at 890~1785MHz
CT905/1795/2045A65 (Triplexer)	Port 1	850~960	1.0	0.8	18.0	50	50 at 1710~1880 50 at 1920~2170
		1710~1880	1.5	1.0			50 at 850~960 65 at 1920~2170
	Port 2	1920~2170	1.5	1.0			65 at 800~1880
CT1867/1867/1947B5A30-50 (Triplexer)	Port1	1865~1870	0.6	0.3	20.0	50	50 at 1945~1950MHz 70 at 2000~4000MHz
	Port1	1865~1870	1.0				30 at 1945~1950MHz 40 at 2000~4000MHz
	Port2	1945~1950	0.5				30 at 1865~1870MHz 40 at 2000~4000MHz
CT1950/2140/2330B60L1.0A70 (Triplexer)	Port 1	2110~2170	1.0	0.8	20.0	50	70@P2
	Port 2	1920~1980					70@P1
		2300~2360					70@P1
CT2250R2332R2435L2.0A50 (Triplexer)	Port 1	2200~2300	2.0	1.5	17.0	50	50 at 2305~2319 50 at 2346~2360
	Port 2	2320~2345					
	Port 3	2370~2500					
CF815/860/1880/1960B18/60L1.2A85 (Quadriplexer)	Port 1	806~824	1.2	0.5	16.0	50	90@P2
	Port 2	851~869	1.9	1.0			90@P1
	Port 3	1850~1910					80@P4
	Port 4	1930~1990	80@P3				
CF836/881/1880/1960B60L1.4/1.9A85 (Quadriplexer)	Port 1	824~849	1.4	0.7	16.0	50	90@P2
	Port 2	869~894	1.9	1.0			90@P1
	Port 3	1850~1910					80@P4
	Port 4	1930~1990	80@P3				
CF897/942/1747/1842L1.2A65 (Quadriplexer)	Port 1	880~915	1.5	0.5	18.0	50	65 at each other band
	Port 2	925~960					
	Port 3	1710~1785					
	Port 4	1805~1880					
CF902/947/1747/1842L1.0A70 (Quadriplexer)	Port 1	890~915	1.0	0.5	18.0	50	70 at each other band
	Port 2	935~960					
	Port 3	1710~1785					
	Port 4	1805~1880					

Cavity Multiplexer

Specification

Part Number	Frequency Range (MHz)		I.L. (dB) (max)	Ripple (dB) (max)	R.L. (dB) (max)	Imped. (ohm)	Attenuation (dB) (min)
CF1757/1852/1950/2140L1.7A95 (Quadriplexer)	Port 1	1747~1767	1.7	0.7	20.0	50	95at each other band
	Port 2	1842~1862					
	Port 3	1920~1980					
	Port 4	2110~2170					
CS387/408/416/422/430/460L2.0A60 (Sixplexer)	Port 1	380~395	2.0	1.0	16.0	50	60@P2
	Port 2	406~411					60@P1, 60@P3
	Port 3	415~418.587					60@P4, 60@P2
	Port 4	420~424					60@P3, 60@P5
	Port 5	428~433					60@P6, 60@P4
	Port 6	455~465					60@P5
CS895/940/1747/1842/1950/2140L2.5A60 (Sixplexer)	Port 1	876~915	2.5	1.0	14.0	50	60@P2
	Port 2	921~960					60@P1, 60@P3
	Port 3	1710~1785					60@P4, 60@P2
	Port 4	1805~1880					60@P3, 60@P5
	Port 5	1920~1980					60@P6, 60@P4
	Port 6	2110~2170					60@P5
CS897/942/1747/1842/1950/2140/2450A85 (Sevenplexer)	Port 1	880~915	2.5	1.5	16.0	50	Please Make an Inquiry
	Port 2	925~960		1.0			
	Port 3	1710~1785					
	Port 4	1805~1880					
	Port 5	1920~1980					
	Port 6	2110~2170					
	Port 7	2400~2500		1.5			