

Model	Freq. (MHz)	Pasband		Insert Loss (db)	Ripple (db) Max	Stopband		Spurs (db) Min	Ultim (db) Min	Impedance		Temper. Range C	Package LXWXH (MM)
		(db)	(kMz)			(db)	(kHz)			Zin	Zout		
DF-9786	46.080	3.0	+/- 12	3.5	0.5	40	+/- 50	40	50	50	50	-10/ +60	FK-12
DF-5354*	56.960	1.0	+/- 16	4.0	0.5	30	+/- 85	40	70	50	50	-40/ +85	38X25X10max
DF-5383	60.000	3.0	+/- 45	4.0	1.0	60	+/- 115	60		50	50	-0/ +55	50.8X5.5X15.5
DF-5356*	63.078	3.0	+/- 6	6.0	0.5	60	+/- 25	60	60	50	50	-25/ +70	55X20X22
DF-5347	69.500	3.0	+/- 175	7.5		20	+/- 500	40		50	50	-40/ +85	32X12.7X10
DF-9970*	70.000	3.0	+/- 100	6.0	0.5	28	+/- 200		60	50	50	-40/ +85	39X15.5X15.5SMD
DF-9971*	70.000	3.0	+/- 52.5	4.0		27	+/- 200		60	50	50	-40/ +85	39X15.5X15.5SMD
DF-9998*	70.000	1.0	+/- 30	6.0	0.7	7	+/- 50			50	50	-40/ +85	25X14X8
DF-5348	70.000	3.0	+/- 175	7.0		20	+/- 500	50		50	50	-40/ +85	32X12.7X10
DF-5346	70.250	1.0	+/- 12.5	3.5		45	+/- 110	45	40	50	50	-40/ +85	32X12.7X10
DF-9856*	73.500	3.0	+/- 2.5	4.0	1.0	30	+/- 60		80	50	50	-30/ +85	18.5X10.5X4smd
DF-5353	75.000	6.0	+/- 11	6.0	1.0	40	+/- 100	45	60	50	100	-40/ +85	36X13X12 max
DF-9862	80.150	3.0	+/- 18	4.0	1.0	30	+/-12.5			50	50	-40/ +85	FK-11
DF-9948	86.5125	3.0	+/- 7.5	6.0	2.0	10	+/- 12.5		80	200	200	-30/ +60	FK-12
DF-9826	91.4649	3.0	+/- 25	4.0	1.6	30	+/-50	50	55	50	50	-0/ +60	FK-10(H=16)
DF-9776	94.050	3.0	+/- 65	9.0	1.5	50	+/- 450	20		50	50	-40/ +85	56X19X9.5
DF-9828*	100.7983	3.0	+/- 25	4.0	1.6	20	+/-30	25	15	50	50	-40/ +85	FK-12
DF-9818	109.350	3.0	+/- 25	4.0	1.6	50	+/-45		55	200	200	-40/ +55	35.6X11.5X11.5
DF-9747*	109.350	1.0	+/- 5	6.5	1.0	50	+/- 45		55	50	50	-40/ +85	36X11.5X8
DF-9931*	124.800	3.0	+/- 26	6.5	0.5	8	+/- 50	35	60	50	50	-40/ +85	36X16.5X13.5
DF-5372*	141.558	3.0	+/- 8	4.5	1.0	40	+/- 50	35	75	200	200	-40/ +85	43.2X16.5X14

■ SPECIAL CHARACTERISTICS:

- DF-9808, DF-9850, Group Delay of 40 µsec @ Fo+/-2.5 KHz, Outband IM of 80 db min @ -24 dbm
- DF-9831 - Group Delay of 2 µsec @ Fo+/-30 KHz
- DF-9835 - Group Delay of 40 µsec @ Fo+/-2.5 KHz and Outband IM of 90 db @ -24 dbm level
- DF-9838 - Group Delay of 20 µsec @ Fo+/-45 KHz
- DF-9783 - Inband IM is 60 db min @ -20 dbm level and VSWR of 2:1 max @ Fo+/-15 KHz
- DF-9840 - VSWR of 2:1 max @ Fo+/-17 KHz
- DF-9841 - Group Delay of 35 µsec @ Fo+/-8.0 KHz and VSWR of 2.3:1 max @ Fo+/-10 KHz
- DF-9769 - Group Delay of 2 µsec @ Fo+/-20 KHz and 11 +/-1 µsec @ Fo
- DF-9856 – 4 pole SMD Package with Group Delay of 20 µsec @ Fo+/-15 KHz and Outband IM of 80 db min @ -25 dbm DF-5382
- This is a Notch type Crystal Filter, In Band IM=-70 dbc min with -25 dbm input signals
- DF-9967 – Delay=11+/-1 µsec @ Fo, Delay Variation=0.4 µsec @ Fo+/-20KHz
- DF-9927 – Im=90 db min @ Fo+/-60 KHz with -35 db input Level
- DF-5354 – Linearity over Fo+/-5.5 KHz=3 degree max, VSWR=1.8:1
- DF-5356 - Im=85 db @ Fo+/-20 KHz with -15 dbm Input Level
- DF-9970 – Elliptic Design, Delay Variation 0.5µsec @ Fo+/-50 KHz and 6 µsec @ Fo+/-100KHz
- DF-9971 – 6 db Gaussian Design, Design, Delay Variation =0.5µsec @ 3 db Bandwidth
- DF-9998 – Group Delay @ Fo=12+/-3 µsec and Group delay Variation @ Fo+/-12.5 KHz=2 µsec max
- DF-9747 - Im=50 db min @ Fo+/-1 KHz with 0.1 V input level, VSWR=3:1
- DF-9931 – Group Delay Variation=2 µsec @ Fo+/-26 KHz, IM=60 db @ Fo+/-50 KHz with -15 db input
- DF-5372 - Delay=100 µsec @Fo, Delay Variation=50µsec @Fo+/-3.20 KHz, IM=60 db@ Fo+/-1KHz with 0.1 input level