

MMIC Reflectionless High Pass Filter Die XHF-143M-D+

Typical Performance Data

Test Condition @ Temperature = +25°C

FREQ.	INSERTION LOSS	INPUT RETURN LOSS	OUTPUT RETURN LOSS
(MHz)	(dB)	(dB)	(dB)
10	67.05	43.84	52.77
100	63.43	42.48	47.56
200	56.34	40.24	42.37
300	50.99	37.75	38.76
400	46.65	35.59	36.19
500	43.25	33.65	34.06
600	40.43	31.94	32.28
700	38.13	30.44	30.73
800	36.18	29.10	29.36
900	34.50	27.89	28.13
1000	33.08	26.74	27.01
1500	28.52	22.19	22.52
2000	26.96	18.96	19.33
2500	27.76	16.80	17.21
3000	31.08	15.56	16.02
3500	38.30	15.09	15.58
4000	52.52	15.30	15.84
4500	52.99	16.42	17.03
5000	37.57	18.66	19.42
5500	31.64	21.92	22.90
6000	30.05	23.11	23.93
6500	32.05	19.56	19.92
7000	36.49	16.09	16.44
7500	34.40	13.99	14.38
8000	27.51	13.16	13.59
8800	26.93	14.45	14.99
9000	31.49	15.81	16.40
9900	14.61	17.48	17.39
10000	12.25	16.56	16.61
10500	5.87	18.10	18.71
11000	3.60	19.12	19.62
11200	3.14	17.48	17.76
12000	2.23	13.27	13.40
12500	1.98	12.37	12.52
13000	1.80	12.14	12.28
13900	1.50	12.56	12.77
14000	1.47	12.64	12.86
14500	1.34	13.21	13.50
15000	1.22	13.98	14.33
15500	1.13	14.90	15.38
16000	1.06	15.97	16.56
16500	1.01	17.08	17.84
17000	1.00	18.23	19.18
17500	1.01	19.23	20.37
18000	0.99	20.23	21.72
18500	0.92	21.70	23.44
19000	0.83	23.69	26.20
19500	0.75	25.76	29.26
20000	0.70	27.58	30.77
20500	0.67	28.19	30.63
21000	0.64	27.76	29.11
21500	0.63	26.91	27.21
22000	0.61	25.80	25.81
22500	0.61	25.15	24.68
23000	0.60	24.50	23.76
23500	0.60	23.81	23.08
24000	0.59	23.48	22.75
24500	0.58	23.25	22.68
25000	0.58	23.31	22.66
25500	0.57	23.19	22.77
26000	0.57	23.14	22.77



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



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IF/RF MICROWAVE COMPONENTS

REV. OR
XHF-143M-D+
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