

# Thin-Film Bandpass Filter

# ABF-7G+

## Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss
(MHz)	(dB)	(dB)	(dB)
10	119.18	0.08	0.09
60	102.34	0.11	0.11
110	101.24	0.06	0.07
360	89.33	0.23	0.22
610	85.38	0.29	0.28
810	82.63	0.34	0.32
1010	81.13	0.34	0.32
1260	78.57	0.35	0.33
1510	77.86	0.32	0.30
1760	75.72	0.37	0.35
2010	74.35	0.31	0.30
3010	70.21	0.26	0.23
3560	68.56	0.36	0.33
4010	67.32	0.39	0.36
4235	66.10	0.42	0.40
4260	66.01	0.43	0.40
4510	64.55	0.50	0.49
4760	62.26	0.58	0.58
5010	59.03	0.63	0.62
5250	54.70	0.69	0.66
5800	36.59	0.87	0.85
5920	30.43	0.96	0.93
6075	20.32	1.14	1.14
6195	10.33	2.11	2.10
6290	3.12	8.12	8.13
6500	1.18	28.48	47.37
6600	1.17	18.35	18.58
6700	1.15	16.75	16.84
6800	1.06	21.80	22.61
6900	1.05	27.94	30.32
7000	1.06	20.99	21.20
7100	1.08	23.49	24.05
7200	1.12	31.49	38.31
7300	1.17	22.99	22.87
7400	1.23	21.36	21.44
7500	1.29	27.69	29.27
7850	3.15	10.32	10.79
7980	10.39	3.44	3.33
8080	19.95	2.03	1.89
8180	29.75	1.54	1.44
8350	49.47	1.19	1.16
8500	55.07	1.07	1.06
8750	51.14	0.96	0.98
9000	52.47	0.92	0.97
9300	53.92	0.86	0.92
9600	55.39	0.85	0.92
9900	56.82	0.86	0.92
10200	58.13	0.85	0.90
10500	59.21	0.84	0.85
10800	60.24	0.83	0.83
11100	60.81	0.84	0.83
11400	61.74	0.85	0.84
11700	61.83	0.88	0.86
12000	62.03	0.90	0.88
12300	61.92	0.93	0.90
12600	61.12	0.96	0.94
12900	59.70	0.98	0.98
13200	58.39	1.00	1.00
13500	56.96	0.99	1.03
14000	55.20	1.04	1.06

FREQ.	Group Delay
(MHz)	(ns)
6500	1.39
6515	1.37
6530	1.34
6545	1.32
6560	1.29
6575	1.27
6590	1.25
6605	1.23
6620	1.22
6635	1.20
6650	1.18
6665	1.17
6680	1.16
6700	1.16
6715	1.16
6730	1.15
6745	1.13
6760	1.12
6775	1.11
6800	1.13
6815	1.13
6830	1.13
6845	1.13
6860	1.11
6875	1.10
6900	1.09
6915	1.09
6930	1.09
6945	1.08
6960	1.08
6975	1.07
7000	1.08
7015	1.09
7030	1.08
7045	1.07
7060	1.05
7075	1.05
7100	1.06
7115	1.08
7130	1.10
7145	1.10
7160	1.09
7175	1.07
7200	1.06
7215	1.08
7230	1.09
7245	1.10
7260	1.11
7275	1.10
7300	1.09
7315	1.10
7330	1.10
7345	1.11
7360	1.12
7375	1.12
7400	1.13
7415	1.14
7430	1.15
7450	1.16
7500	1.20



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



The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: [www.minicircuits.com](http://www.minicircuits.com)

IF/RF MICROWAVE COMPONENTS

REV.OR  
ABF-7G+  
211112  
Page 1 of 1