

Thin-Film Bandpass Filter

ABF-9G+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss	FREQ.	Group Delay
(MHz)	(dB)	(dB)	(dB)	(MHz)	(ns)
10	84.27	0.06	0.06	8200	0.97
20	85.59	0.07	0.07	8250	0.95
25	86.64	0.07	0.08	8300	0.93
100	89.65	0.10	0.10	8350	0.92
200	92.87	0.15	0.15	8400	0.91
400	90.56	0.22	0.23	8450	0.91
800	86.74	0.28	0.29	8500	0.90
900	85.57	0.28	0.29	8550	0.89
950	84.99	0.28	0.29	8600	0.89
1000	84.58	0.28	0.29	8650	0.88
2000	78.83	0.24	0.24	8700	0.88
4000	73.57	0.34	0.36	8750	0.88
5000	70.59	0.52	0.55	8800	0.87
6000	62.12	0.64	0.67	8820	0.87
6400	54.88	0.68	0.71	8840	0.87
6900	41.32	0.77	0.78	8860	0.87
7000	37.84	0.80	0.81	8880	0.87
7200	30.15	0.89	0.89	8900	0.87
7395	20.18	1.11	1.11	9000	0.87
7670	3.01	8.66	8.93	9010	0.87
8200	0.99	19.86	19.93	9050	0.87
8400	0.96	20.47	20.66	9060	0.87
8700	0.93	28.36	28.90	9080	0.87
8800	0.95	24.08	24.46	9100	0.88
8900	0.98	22.34	22.77	9120	0.88
9000	1.00	21.60	22.04	9140	0.88
9400	1.07	28.72	28.26	9160	0.88
9600	1.14	30.62	29.61	9180	0.88
9700	1.19	26.15	25.91	9200	0.88
9800	1.24	27.22	27.50	9220	0.88
10475	3.55	14.55	17.20	9240	0.89
10700	22.37	1.90	1.94	9260	0.89
10800	32.88	1.57	1.60	9280	0.89
11300	49.10	1.23	1.25	9300	0.89
11700	49.28	1.18	1.21	9320	0.89
12000	49.89	1.17	1.20	9340	0.90
13000	49.93	1.11	1.13	9360	0.90
14000	48.73	1.02	1.03	9380	0.90
15000	53.10	1.02	1.04	9400	0.90
16200	56.10	1.34	1.44	9420	0.91
16400	57.61	1.40	1.52	9440	0.91
17000	63.46	1.57	1.70	9450	0.91
17200	62.08	1.61	1.73	9500	0.92
18000	51.49	1.59	1.66	9520	0.92
18200	49.34	1.55	1.61	9530	0.93
18400	47.38	1.50	1.55	9550	0.93
18600	45.55	1.45	1.49	9560	0.93
18800	43.79	1.40	1.42	9580	0.93
18900	42.90	1.38	1.39	9600	0.94
19000	42.01	1.36	1.36	9620	0.94
19200	40.22	1.31	1.31	9640	0.95
19400	38.39	1.28	1.26	9680	0.96
19600	36.60	1.27	1.24	9700	0.96
19800	34.78	1.28	1.24	9710	0.96
20000	32.93	1.31	1.28	9720	0.97
20500	29.05	1.53	1.52	9730	0.97
21000	27.77	1.82	1.86	9740	0.97
22000	31.51	2.18	2.37	9750	0.98
22500	32.17	2.18	2.40	9760	0.98
23000	30.74	2.16	2.36	9800	0.99



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