

Thin-Film Bandpass Filter

ABF-11R8G+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss	FREQ.	Group Delay
(MHz)	(dB)	(dB)	(dB)	(MHz)	(ns)
10	81.69	0.02	0.04	10600	0.76
20	87.45	0.04	0.04	10650	0.76
50	98.49	0.06	0.06	10660	0.76
100	92.25	0.08	0.09	10670	0.76
300	85.74	0.16	0.17	10680	0.76
500	81.24	0.21	0.22	10690	0.75
800	75.71	0.24	0.26	10700	0.75
900	74.91	0.24	0.27	10710	0.75
1000	73.54	0.24	0.27	10720	0.75
2000	68.42	0.20	0.23	10730	0.75
4000	63.77	0.32	0.34	10740	0.75
6000	59.06	0.53	0.60	10800	0.75
7000	52.62	0.66	0.67	10820	0.75
8400	34.78	0.75	0.78	10840	0.75
8650	30.06	0.74	0.81	10860	0.75
9050	20.46	0.85	0.96	10880	0.75
10000	0.89	16.65	16.71	10900	0.75
10600	0.83	17.89	18.29	10920	0.75
11000	0.77	22.32	21.78	10940	0.75
11200	0.73	26.46	26.31	10960	0.75
11400	0.72	31.56	32.61	10980	0.75
11500	0.73	36.67	38.04	11000	0.75
11800	0.79	30.39	30.55	11050	0.75
11900	0.81	26.85	26.91	11100	0.75
12000	0.83	24.66	24.68	11150	0.75
12200	0.87	23.10	23.08	11180	0.75
12400	0.89	25.50	25.78	11200	0.75
12600	0.91	36.51	37.69	11250	0.75
12800	0.94	25.80	25.77	11280	0.75
13000	0.96	23.03	23.31	11300	0.75
14000	3.02	15.22	15.40	11350	0.74
15000	40.55	1.26	1.28	11400	0.75
15500	49.23	1.29	1.28	11450	0.75
16000	58.15	1.29	1.32	11500	0.75
16500	51.70	1.26	1.33	11550	0.75
17000	49.02	1.21	1.31	11600	0.75
17500	42.68	1.20	1.32	11650	0.75
18000	43.77	1.20	1.32	11700	0.75
18500	40.40	1.27	1.35	11750	0.75
19000	40.78	1.33	1.37	11800	0.75
19200	42.96	1.34	1.38	11850	0.75
19400	43.33	1.38	1.40	11900	0.75
19500	43.06	1.40	1.41	12000	0.75
19600	42.63	1.42	1.42	12050	0.76
19700	42.06	1.44	1.44	12100	0.76
19800	42.19	1.45	1.45	12200	0.76
19850	42.71	1.45	1.45	12250	0.76
20000	44.28	1.46	1.46	12300	0.77
20100	45.61	1.46	1.47	12350	0.77
20200	47.60	1.47	1.48	12400	0.77
20400	53.66	1.50	1.51	12450	0.78
20600	52.40	1.53	1.52	12500	0.78
20800	46.24	1.53	1.55	12550	0.78
21000	42.07	1.52	1.56	12600	0.79
22000	31.65	1.53	1.68	12650	0.79
23000	31.64	1.45	1.65	12700	0.80
24000	38.83	1.47	1.62	12750	0.80
25000	51.48	1.77	1.79	12800	0.81
26000	38.16	2.18	2.08	12900	0.82
27000	29.56	2.48	2.73	13000	0.83