

Thin-Film Bandpass Filter

ABF-22R8G+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss
(MHz)	(dB)	(dB)	(dB)
10	73.74	0.00	0.00
20	84.77	0.00	0.00
25	95.10	0.00	0.00
100	102.02	0.00	0.00
200	99.53	0.01	0.01
400	97.40	0.01	0.02
800	103.50	0.06	0.05
900	112.41	0.07	0.07
1000	105.09	0.09	0.08
2000	93.86	0.28	0.24
5000	68.34	0.52	0.51
7500	57.45	0.65	0.59
9000	53.84	0.69	0.65
9650	53.03	0.81	0.74
10075	52.25	0.89	0.81
10575	52.55	0.99	0.88
11600	55.97	1.03	0.93
11800	57.13	1.02	0.92
12000	55.56	1.00	0.91
12400	53.37	0.96	0.89
12600	53.79	0.96	0.88
13000	53.13	0.95	0.88
13500	53.03	0.96	0.90
13600	53.35	0.97	0.90
13800	53.88	1.00	0.93
14000	54.07	1.02	0.96
14200	54.54	1.05	0.99
14400	54.84	1.08	1.03
15000	56.72	1.16	1.14
16000	57.29	1.24	1.25
17000	56.70	1.27	1.24
18000	53.48	1.29	1.18
19600	50.03	1.37	1.30
20000	58.24	1.42	1.40
20300	49.00	1.49	1.50
22300	1.06	16.43	17.34
22400	1.00	17.94	19.21
22500	0.93	21.39	23.44
22600	0.88	29.64	36.89
22700	0.88	28.74	26.92
22800	0.92	20.72	20.13
22900	0.99	17.10	16.96
23000	1.05	15.34	15.40
23100	1.08	14.72	14.98
23200	1.07	15.21	15.59
23300	1.01	16.95	17.51
24000	1.34	16.96	16.64
24275	3.46	8.20	7.84
24800	20.31	2.31	2.38
25175	30.13	2.08	2.02
25600	39.83	1.93	1.75
26400	55.49	1.81	1.55
27000	72.29	1.83	1.60
28000	69.55	1.99	1.83
29000	62.76	2.21	1.99
30000	59.27	2.56	1.86
31000	58.28	3.07	1.61
32000	51.89	3.09	1.56
33000	44.11	2.49	1.89
33500	37.16	2.34	2.22

FREQ.	Group Delay
(MHz)	(ns)
22300	0.64
22325	0.64
22350	0.64
22375	0.63
22400	0.63
22425	0.63
22450	0.63
22475	0.63
22500	0.63
22525	0.63
22550	0.63
22575	0.62
22600	0.62
22625	0.62
22650	0.62
22675	0.62
22700	0.62
22725	0.62
22750	0.62
22775	0.62
22800	0.62
22825	0.61
22850	0.61
22875	0.61
22900	0.61
22925	0.61
22950	0.61
22975	0.61
23000	0.61
23025	0.61
23050	0.61
23075	0.61
23100	0.61
23125	0.61
23150	0.62
23175	0.62
23200	0.62
23225	0.62
23250	0.63
23275	0.63
23300	0.63