

Thin-Film Bandpass Filter

ABF-10R125G+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss
(MHz)	(dB)	(dB)	(dB)
10	118.86	0.03	0.03
100	95.54	0.07	0.07
200	89.04	0.10	0.10
300	85.81	0.11	0.11
500	81.53	0.14	0.15
700	78.41	0.14	0.14
1000	76.06	0.18	0.18
1200	74.41	0.22	0.21
1400	73.90	0.20	0.22
1600	71.46	0.21	0.20
1800	71.05	0.24	0.21
2000	69.39	0.23	0.19
2500	67.39	0.20	0.19
3000	66.68	0.17	0.16
3500	64.20	0.15	0.14
4000	63.41	0.21	0.20
6000	57.79	0.60	0.58
7500	38.74	0.68	0.69
7800	31.13	0.70	0.78
8100	21.76	0.91	0.89
8400	9.08	2.00	1.95
8550	2.93	6.57	6.52
9000	0.82	20.82	20.71
9200	0.76	25.21	25.89
9350	0.79	19.54	19.36
9380	0.81	19.27	19.07
9400	0.81	19.23	19.05
9500	0.78	20.24	19.68
9700	0.74	34.98	28.80
10000	0.79	18.24	18.14
10125	0.86	16.39	16.19
10400	0.87	17.49	17.18
10600	0.84	24.21	23.52
10900	0.92	23.09	22.58
11000	0.97	19.59	19.12
11250	1.17	17.03	17.03
11700	2.96	8.05	8.09
11925	10.38	2.58	2.61
12200	21.31	1.59	1.60
12500	32.25	1.32	1.31
13000	44.69	1.12	1.09
13200	45.72	1.13	1.08
13400	45.98	1.09	1.07
13600	46.45	1.12	1.07
13800	47.04	1.09	1.07
14000	47.95	1.11	1.07
14500	51.23	1.09	1.08
15000	53.07	1.12	1.13
15500	53.76	1.18	1.13
16000	54.62	1.18	1.11
16500	55.20	1.19	1.14
17000	54.98	1.20	1.12
17500	54.56	1.24	1.15
18000	54.32	1.27	1.21
18500	54.42	1.28	1.25
19000	55.03	1.31	1.31
19500	54.75	1.39	1.37
20000	52.55	1.43	1.41
21000	47.68	1.49	1.36
23000	55.15	1.44	1.41

FREQ.	Group Delay
(MHz)	(ns)
9350	0.65
9370	0.64
9390	0.63
9410	0.62
9430	0.63
9450	0.63
9470	0.63
9490	0.63
9510	0.63
9530	0.62
9550	0.62
9570	0.62
9590	0.62
9610	0.62
9630	0.62
9650	0.62
9670	0.62
9690	0.62
9710	0.61
9730	0.61
9750	0.61
9770	0.61
9790	0.60
9810	0.60
9830	0.61
9850	0.61
9870	0.61
9890	0.61
9910	0.60
9930	0.59
9950	0.59
9970	0.59
9990	0.59
10000	0.59
10030	0.60
10050	0.59
10070	0.59
10090	0.58
10100	0.58
10125	0.58
10150	0.59
10170	0.59
10190	0.59
10210	0.59
10230	0.59
10250	0.58
10270	0.58
10290	0.59
10310	0.59
10330	0.60
10350	0.60
10370	0.59
10390	0.59
10410	0.59
10500	0.60
10600	0.61
10700	0.63
10800	0.63
10850	0.64
10900	0.65



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