

Thin-Film Bandpass Filter

ABF-16G+

Typical Performance Data

FREQ.	Insertion Loss	Input Return Loss	Output Return Loss
(MHz)	(dB)	(dB)	(dB)
10	113.18	0.01	0.00
20	133.01	0.01	0.01
30	115.77	0.01	0.01
40	109.25	0.00	0.01
50	100.38	0.01	0.00
100	95.84	0.01	0.00
200	106.48	0.01	0.00
500	110.60	0.03	0.02
1000	104.74	0.13	0.13
1100	112.37	0.14	0.14
2000	85.09	0.35	0.35
2500	78.89	0.43	0.44
3000	74.01	0.47	0.49
3500	69.46	0.46	0.44
5000	59.59	0.48	0.49
6500	55.39	0.70	0.81
7000	54.72	0.88	0.85
7500	54.37	1.04	0.91
8000	53.95	1.10	0.92
8500	54.25	1.07	0.92
9000	53.49	1.02	0.93
9500	53.87	0.97	0.92
10000	53.13	0.91	0.90
10500	53.19	0.88	0.89
11000	53.14	0.87	0.90
11500	52.56	0.91	0.93
12000	52.85	0.99	1.00
14250	65.11	1.47	1.48
14400	48.42	1.51	1.52
14700	32.23	1.70	1.74
14950	20.50	2.19	2.17
15150	10.61	3.73	3.68
15250	6.34	6.30	6.20
15300	4.73	8.63	8.52
15350	3.62	11.95	11.74
15500	2.31	30.13	26.59
15600	2.08	36.84	32.49
15750	1.93	43.01	51.96
15800	1.90	41.06	46.41
15850	1.89	38.01	41.29
15900	1.88	36.16	39.17
16000	1.87	36.36	39.35
16100	1.90	39.14	40.31
16150	1.93	40.09	40.08
16200	1.97	36.76	37.48
16250	1.98	32.67	33.46
16700	3.42	17.71	18.96
16950	12.42	3.86	3.99
17100	20.14	2.68	2.76
17350	31.95	2.13	2.14
17900	58.51	1.86	1.85
18000	62.27	1.84	1.80
18200	63.63	1.82	1.78
18300	60.90	1.78	1.78
18500	55.03	1.76	1.73
19000	46.03	1.66	1.65
19200	43.30	1.61	1.63
19500	40.25	1.62	1.57
20000	36.97	1.65	1.64
22000	23.55	1.65	1.64

FREQ.	Group Delay
(MHz)	(ns)
15750	0.84
15760	0.84
15770	0.83
15780	0.83
15790	0.83
15800	0.83
15810	0.82
15820	0.82
15830	0.82
15840	0.82
15850	0.81
15860	0.81
15870	0.81
15880	0.81
15890	0.81
15900	0.81
15910	0.81
15920	0.80
15930	0.80
15940	0.80
15950	0.80
15960	0.80
15970	0.80
15980	0.80
15990	0.80
16000	0.80
16010	0.80
16020	0.80
16030	0.80
16040	0.79
16050	0.80
16060	0.80
16070	0.80
16080	0.80
16090	0.80
16100	0.80
16110	0.80
16120	0.80
16130	0.80
16140	0.80
16150	0.80
16160	0.80
16170	0.81
16180	0.81
16190	0.81
16200	0.81
16210	0.81
16220	0.82
16230	0.82
16240	0.82
16250	0.82

