

# Surface Mount Band Pass Filter

# BPF-A328+

## Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURNLOSS (dB)		
	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C
0.5	96.78	91.64	101.09	0.01	0.01	0.01	0.01	0.00	0.01
50.0	93.91	94.30	96.53	0.01	0.01	0.02	0.02	0.05	0.08
100.0	94.00	90.17	101.22	0.02	0.03	0.04	0.13	0.17	0.20
150.0	89.85	95.13	94.32	0.02	0.04	0.07	0.30	0.37	0.42
200.0	96.54	90.72	94.45	0.04	0.07	0.10	0.54	0.64	0.71
250.0	90.60	87.41	89.31	0.07	0.11	0.14	0.81	0.95	1.04
300.0	50.33	49.42	48.26	0.35	0.43	0.50	1.39	1.71	1.99
305.0	39.41	38.16	36.70	0.53	0.66	0.77	1.72	2.15	2.55
310.0	24.92	23.36	21.56	1.09	1.39	1.73	2.89	3.86	5.02
313.0	14.18	13.17	12.17	2.58	3.35	4.12	7.32	10.88	16.13
315.0	8.84	8.98	8.93	5.02	5.67	6.31	25.49	18.32	15.59
320.0	5.00	5.56	5.93	14.93	15.53	15.01	17.80	20.47	21.37
327.0	4.08	4.69	5.14	18.79	20.66	21.47	20.71	24.71	26.82
327.5	4.05	4.67	5.12	20.67	22.35	22.25	22.60	26.44	25.96
328.0	4.02	4.65	5.12	22.96	23.79	22.54	24.71	27.08	24.54
328.5	4.00	4.64	5.13	25.47	24.55	22.48	26.64	26.36	23.18
329.0	3.99	4.64	5.14	27.50	24.52	22.29	27.50	25.07	22.11
330.0	4.00	4.67	5.18	27.18	23.70	22.32	25.90	22.93	20.72
337.0	5.04	6.07	7.02	15.99	16.29	17.45	11.45	10.30	9.14
340.0	6.99	8.59	10.23	24.06	19.09	14.37	6.99	6.17	5.34
343.0	12.56	14.63	16.66	5.68	5.22	4.65	3.22	3.12	2.95
350.0	28.75	30.16	31.57	1.10	1.20	1.24	1.45	1.68	1.82
370.0	54.08	54.65	55.47	0.25	0.32	0.38	1.18	1.45	1.65
400.0	73.50	73.41	73.18	0.14	0.19	0.24	1.23	1.54	1.78
450.0	94.48	88.32	92.32	0.11	0.17	0.21	1.38	1.71	1.98
500.0	96.99	89.37	104.97	0.11	0.17	0.21	1.50	1.82	2.05
550.0	86.73	90.29	87.63	0.12	0.18	0.23	1.58	1.87	2.05
600.0	75.39	77.91	77.12	0.13	0.19	0.24	1.72	2.02	2.22
650.0	76.14	78.10	76.48	0.14	0.20	0.25	2.86	3.65	4.43
700.0	78.84	77.07	76.64	0.15	0.21	0.26	8.81	7.59	6.63
750.0	73.28	73.02	72.74	0.16	0.22	0.28	1.68	1.91	2.06
800.0	73.09	71.85	73.16	0.18	0.24	0.29	1.07	1.34	1.53
850.0	73.26	74.42	73.68	0.18	0.24	0.29	0.87	1.14	1.34
900.0	74.61	72.09	74.85	0.18	0.24	0.29	0.74	1.03	1.24
950.0	70.37	69.30	71.05	0.18	0.24	0.29	0.68	0.97	1.17
1000.0	69.84	68.86	69.26	0.19	0.24	0.30	0.61	0.92	1.12
1050.0	68.26	68.31	68.95	0.19	0.25	0.30	0.58	0.88	1.07
1100.0	71.77	73.11	70.87	0.20	0.26	0.31	0.54	0.84	1.03
1150.0	74.64	74.11	73.83	0.20	0.27	0.32	0.51	0.82	1.00
1200.0	72.34	73.46	75.21	0.20	0.27	0.31	0.49	0.80	0.96
1250.0	74.50	75.26	73.73	0.20	0.27	0.32	0.47	0.78	0.94
1300.0	75.60	78.30	79.23	0.20	0.28	0.33	0.45	0.76	0.92
1350.0	81.11	81.18	82.65	0.20	0.28	0.34	0.43	0.74	0.90
1400.0	79.40	80.94	82.48	0.20	0.29	0.35	0.41	0.72	0.88
1450.0	83.37	88.73	80.09	0.21	0.31	0.38	0.39	0.71	0.88
1500.0	86.69	98.85	92.26	0.22	0.33	0.40	0.36	0.69	0.87
1550.0	75.18	71.60	76.31	0.24	0.37	0.44	0.35	0.68	0.86
1600.0	74.22	74.14	74.92	0.25	0.38	0.47	0.33	0.66	0.85
1650.0	77.84	73.24	69.52	0.28	0.42	0.53	0.31	0.65	0.85
1700.0	67.27	67.08	66.68	0.31	0.47	0.59	0.30	0.63	0.85
1750.0	74.73	71.14	71.99	0.32	0.51	0.63	0.29	0.62	0.85
1800.0	67.20	68.03	67.62	0.37	0.58	0.72	0.28	0.61	0.84
1850.0	74.56	73.58	69.42	0.42	0.66	0.83	0.27	0.59	0.85
1900.0	65.42	64.88	66.82	0.52	0.78	0.99	0.26	0.59	0.84
2000.0	66.89	66.40	66.63	1.01	1.48	1.95	0.25	0.57	0.83

REV. X1

BPF-A328+

100104

Page 1 of 2



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see



# Surface Mount Band Pass Filter

# BPF-A328+

## Typical Performance Data

FREQ. (MHz)	GROUP DELAY (nsec)		
	@ -40° C	@ +25° C	@ +85° C
326.00	48.71	48.57	48.46
326.25	48.63	48.49	48.42
326.50	48.55	48.46	48.32
326.75	48.52	48.41	48.31
327.00	48.50	48.36	48.29
327.25	48.47	48.32	48.22
327.50	48.44	48.32	48.17
327.75	48.42	48.29	48.18
328.00	48.40	48.29	48.14
328.25	48.42	48.30	48.16
328.50	48.38	48.22	48.10
328.75	48.34	48.20	48.08
329.00	48.32	48.18	48.11
329.25	48.27	48.16	48.17
329.50	48.28	48.17	48.19
329.75	48.28	48.20	48.30
330.00	48.29	48.26	48.43

REV. X1  
BPF-A328+  
100104  
Page 2 of 2



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED RoHS compliant  
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

