

# Surface Mount Low Pass Filter

# SALF-325

## Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C
1	0.03	0.03	0.03	49.48	50.00	48.19	50.28	50.76	48.94
10	0.04	0.04	0.05	39.74	40.73	41.36	39.88	40.78	41.58
20	0.05	0.06	0.06	33.95	34.90	35.78	34.04	34.81	35.80
30	0.07	0.07	0.08	30.65	31.48	32.28	30.76	31.39	32.30
40	0.08	0.08	0.09	28.52	29.18	29.82	28.71	29.14	29.90
50	0.09	0.10	0.11	27.10	27.58	28.01	27.34	27.59	28.13
60	0.10	0.11	0.12	26.21	26.47	26.66	26.47	26.49	26.79
70	0.11	0.12	0.13	25.76	25.76	25.69	26.01	25.74	25.78
80	0.12	0.13	0.15	25.67	25.38	25.02	25.84	25.28	25.01
90	0.12	0.14	0.16	25.90	25.27	24.58	26.02	25.12	24.54
100	0.13	0.15	0.17	26.52	25.51	24.47	26.59	25.31	24.37
110	0.14	0.16	0.18	27.56	26.08	24.63	27.60	25.84	24.51
120	0.14	0.17	0.20	29.16	27.07	25.13	29.20	26.79	25.02
130	0.15	0.18	0.21	31.57	28.61	26.06	31.59	28.33	25.98
150	0.16	0.20	0.22	44.15	35.27	30.11	38.23	33.97	29.88
200	0.22	0.27	0.30	25.68	26.12	27.13	25.41	25.87	26.80
250	0.30	0.37	0.42	21.92	21.07	20.13	22.39	21.36	20.45
300	0.38	0.47	0.54	24.96	24.66	23.50	27.84	27.34	26.03
325	0.46	0.58	0.67	26.28	26.24	25.81	28.28	28.54	28.40
350	0.65	0.81	0.93	20.88	21.30	21.40	20.06	20.12	19.94
383	2.72	3.13	3.46	5.53	5.44	5.34	5.41	5.29	5.16
400	6.43	7.03	7.53	2.17	2.22	2.21	2.13	2.16	2.14
450	21.02	21.62	22.23	0.36	0.46	0.51	0.36	0.46	0.51
480	29.15	29.68	30.27	0.25	0.34	0.38	0.27	0.35	0.39
500	34.00	34.50	35.04	0.22	0.30	0.34	0.24	0.31	0.36
540	41.77	42.15	42.56	0.18	0.25	0.28	0.21	0.27	0.31
550	43.29	43.64	43.99	0.17	0.24	0.27	0.21	0.26	0.30
580	46.63	46.88	47.03	0.16	0.22	0.25	0.21	0.25	0.29
590	47.33	47.51	47.57	0.16	0.21	0.24	0.21	0.25	0.29
600	47.80	47.95	47.98	0.15	0.21	0.24	0.21	0.25	0.29
650	48.73	48.73	48.57	0.14	0.19	0.22	0.21	0.24	0.27
700	48.05	48.14	47.93	0.13	0.18	0.21	0.21	0.23	0.27
750	47.51	47.57	47.36	0.13	0.17	0.20	0.21	0.23	0.27
775	47.60	47.70	47.45	0.13	0.18	0.20	0.22	0.24	0.27
800	46.64	46.76	46.54	0.13	0.17	0.20	0.21	0.23	0.27
850	46.47	46.65	46.39	0.12	0.16	0.19	0.22	0.23	0.27
900	46.36	46.59	46.38	0.12	0.16	0.19	0.21	0.23	0.27
950	46.73	46.92	46.64	0.12	0.16	0.19	0.22	0.24	0.28
1000	47.37	47.70	47.46	0.12	0.16	0.19	0.22	0.24	0.28
1050	48.41	48.73	48.52	0.11	0.16	0.19	0.22	0.24	0.28
1100	51.37	51.97	51.71	0.11	0.17	0.20	0.21	0.24	0.29
1150	53.40	54.48	54.52	0.11	0.17	0.21	0.22	0.25	0.30
1200	74.31	69.28	68.23	0.11	0.17	0.21	0.21	0.25	0.30
1240	54.10	53.09	52.52	0.11	0.17	0.22	0.21	0.25	0.32
1300	42.82	42.40	41.99	0.11	0.19	0.24	0.21	0.27	0.33
1400	32.90	32.55	32.04	0.13	0.21	0.28	0.24	0.31	0.39
1500	21.56	20.95	20.10	0.25	0.38	0.52	0.41	0.56	0.75
1600	12.68	14.16	15.37	0.84	0.80	0.78	1.33	1.18	1.12
1700	22.97	23.44	23.84	0.23	0.35	0.46	0.35	0.45	0.56
1800	27.69	28.01	28.23	0.23	0.36	0.49	0.34	0.45	0.58
1900	31.66	31.94	32.09	0.26	0.40	0.55	0.34	0.47	0.62
2000	38.14	38.70	38.95	0.29	0.45	0.62	0.36	0.51	0.68
2500	2.20	2.57	2.93	6.22	6.27	6.39	6.43	6.62	6.87
3000	3.72	3.93	4.23	3.12	3.61	4.02	3.28	3.67	4.02

REV. X2  
SALF-325  
101021  
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 Low Pass Filter

# SALF-325

## Typical Performance Data

FREQ. (MHz)	GROUP DELAY (nsec)		
	@ -40° C	@ +25° C	@ +85° C
0.1	1.56	1.70	1.75
1	1.82	1.84	1.84
10	1.82	1.83	1.84
20	1.81	1.82	1.82
30	1.81	1.82	1.82
40	1.81	1.82	1.82
50	1.82	1.82	1.82
60	1.83	1.83	1.83
70	1.84	1.84	1.84
80	1.85	1.85	1.86
90	1.87	1.87	1.87
100	1.89	1.89	1.89
110	1.91	1.91	1.91
120	1.93	1.93	1.93
130	1.96	1.96	1.96
140	1.99	1.99	2.00
150	2.03	2.03	2.03
200	2.24	2.25	2.26
250	2.58	2.59	2.60
300	3.23	3.25	3.28
325	3.77	3.81	3.85
350	4.79	4.87	4.94
360	5.43	5.53	5.61
370	6.15	6.24	6.32
380	6.66	6.66	6.69
383	6.69	6.66	6.66
390	6.51	6.39	6.32
400	5.67	5.49	5.36
410	4.65	4.46	4.33
420	3.79	3.64	3.52
430	3.18	3.06	2.97
440	2.75	2.66	2.57
450	2.41	2.34	2.27
460	2.09	2.04	1.98
470	1.81	1.77	1.72
480	1.57	1.54	1.50
500	1.25	1.26	1.22
510	1.18	1.20	1.18
520	1.22	1.21	1.18
530	1.18	1.17	1.19
540	1.15	1.15	1.18
550	1.10	1.09	1.06
560	1.08	1.05	1.03
570	0.90	0.92	0.99
580	0.87	0.87	0.76
590	0.79	0.79	0.92
600	0.75	0.73	0.72
650	0.34	0.34	0.41
700	0.38	0.42	0.33
750	0.32	0.36	0.38
775	0.72	0.65	0.65
800	0.75	0.69	0.63
850	0.18	0.24	0.19
900	0.58	0.24	0.08

REV. X2  
SALF-325  
101021  
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

