

# Coaxial Band Pass Filter (Constant Impedance) BIF-40

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
1.0	31.97	43.70	2.3	2.895
1.3	29.62	41.10	2.6	3.319
1.6	27.72	39.10	2.7	3.755
2.0	26.20	37.60	5.2	4.422
2.3	24.90	36.10	7.5	4.574
2.6	23.77	34.90	9.9	4.649
3.0	22.54	33.70	11.0	4.904
5.3	17.56	28.50	16.1	5.402
7.7	14.41	25.30	20.9	5.852
10.0	12.05	23.00	26.2	6.700
11.0	11.21	22.20	27.1	6.840
15.3	8.20	19.50	35.1	8.288
19.7	5.92	17.80	36.3	8.399
35.0	0.86	21.40	37.6	8.498
40.3	0.23	30.00	39.6	8.488
44.7	0.31	25.50	41.7	8.249
50.0	0.88	18.90	43.2	7.937
65.0	3.17	15.60	45.4	7.393
99.3	7.37	17.30	47.0	6.910
133.7	10.43	19.40	48.7	6.395
168.0	12.93	21.10	50.4	5.956
212.0	15.76	22.70	63.1	3.323
256.0	18.46	24.00	64.2	3.167
300.0	21.25	25.10	98.9	1.296
301.0	21.32	25.00	132.6	0.812
320.8	22.67	25.40	168.9	0.599
340.6	24.13	25.80	207.7	0.474
360.4	25.67	26.10	211.3	0.462
380.2	27.40	26.20	255.6	0.363
400.0	29.24	26.30	293.4	0.264

REV. X1  
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