

# Plug-In Band Pass Filter (Constant Impedance) PIF-50+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
1.0	33.62	56.30	3.1	1.540
1.4	30.60	53.50	3.2	2.572
1.8	28.39	51.10	5.9	3.434
2.3	26.60	49.30	8.7	3.800
2.7	25.16	47.60	11.4	3.893
3.1	23.91	46.40	11.6	3.910
4.0	21.72	43.90	18.2	4.448
9.0	14.63	35.60	24.4	5.257
11.5	12.44	33.20	31.1	6.290
20.0	7.25	28.50	32.2	6.428
23.7	5.61	27.10	41.0	7.293
27.3	4.18	26.30	41.7	7.342
31.0	2.95	26.20	43.9	7.325
41.0	0.70	29.30	46.2	7.197
45.5	0.28	30.20	48.7	6.905
50.0	0.21	30.00	51.3	6.571
53.0	0.34	29.30	53.1	6.309
77.0	3.12	23.20	55.9	5.874
80.0	3.52	23.10	57.9	5.441
120.0	7.84	25.40	58.9	5.242
160.0	10.99	27.00	77.6	2.769
200.0	13.61	27.50	117.5	1.114
250.0	16.51	28.80	119.5	1.093
316.7	20.38	29.60	160.3	0.679
350.0	22.46	29.70	200.7	0.525
390.0	25.29	29.50	246.9	0.414
402.5	26.25	29.50	251.2	0.408
415.0	27.29	29.30	298.5	0.306
427.5	28.35	29.20	342.8	0.185
440.0	29.49	28.90	348.7	0.163

REV. X1  
PIF-50+  
060725  
Page 1 of 1



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