

# Plug-In Band Pass Filter (Elliptic Response)

# PBP-30+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
1.0	81.68	0.20	2.8	30.059
1.4	73.69	0.20	3.2	21.884
1.9	70.39	0.20	3.3	12.226
2.3	67.50	0.20	9.6	7.216
2.8	65.09	0.20	15.8	11.923
3.2	61.70	0.20	22.0	89.768
4.0	58.09	0.20	23.2	56.479
16.0	30.42	0.40	23.6	40.798
22.0	32.26	0.60	24.4	22.806
23.0	26.30	0.80	24.8	103.619
23.7	15.68	1.20	26.2	115.164
24.3	8.44	2.50	27.1	99.025
25.0	3.86	6.30	28.0	78.962
27.0	1.28	20.80	28.5	72.223
29.3	1.02	21.60	29.5	64.660
30.5	1.02	20.00	30.0	62.760
32.8	1.16	18.60	31.1	61.836
35.0	2.37	8.80	31.6	62.724
36.0	4.69	4.50	32.2	64.652
37.3	11.24	1.70	32.7	67.765
38.7	21.64	0.90	33.9	76.095
40.0	38.75	0.70	35.1	80.917
50.0	26.83	0.30	36.3	75.838
82.7	39.42	0.30	37.6	9.558
99.0	43.92	0.30	38.9	16.978
190.0	65.36	0.30	40.3	34.601
392.5	80.00	0.40	41.0	41.413
595.0	59.40	0.40	59.9	3.448
797.5	50.83	0.60	80.4	1.230
1000.0	43.35	0.80	97.2	0.971

REV. X1  
PBP-30+  
060725  
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