

# Plug-In Low Pass Filter

# PLP-2.5+

## Typical Performance Data

| FREQUENCY<br>(MHz) | INSERTION<br>LOSS<br>(dB) | RETURN<br>LOSS<br>(dB) | FREQUENCY<br>(MHz) | GROUP<br>DELAY<br>(nsec) |
|--------------------|---------------------------|------------------------|--------------------|--------------------------|
| 0.10               | 0.06                      | 33.53                  | 1.00               | 321.990                  |
| 0.40               | 0.08                      | 23.85                  | 1.12               | 327.260                  |
| 0.80               | 0.10                      | 25.18                  | 1.18               | 330.190                  |
| 1.10               | 0.12                      | 32.02                  | 1.32               | 334.960                  |
| 1.40               | 0.17                      | 21.06                  | 1.40               | 338.560                  |
| 1.80               | 0.24                      | 18.34                  | 1.48               | 341.360                  |
| 2.50               | 0.45                      | 18.25                  | 1.56               | 346.340                  |
| 2.75               | 1.34                      | 9.00                   | 1.74               | 360.970                  |
| 3.00               | 5.99                      | 2.08                   | 1.84               | 372.100                  |
| 3.20               | 11.74                     | 0.71                   | 1.94               | 385.340                  |
| 3.30               | 14.61                     | 0.48                   | 2.05               | 402.770                  |
| 3.50               | 19.96                     | 0.29                   | 2.17               | 422.480                  |
| 3.60               | 22.44                     | 0.25                   | 2.29               | 449.680                  |
| 3.80               | 27.02                     | 0.19                   | 2.42               | 492.190                  |
| 4.00               | 31.16                     | 0.17                   | 2.50               | 530.370                  |
| 4.20               | 34.94                     | 0.15                   | 2.75               | 689.140                  |
| 4.60               | 41.65                     | 0.12                   | 2.86               | 697.890                  |
| 4.80               | 44.65                     | 0.12                   | 3.02               | 582.030                  |
| 5.00               | 47.46                     | 0.11                   | 3.19               | 410.170                  |
| 5.20               | 50.11                     | 0.10                   | 3.37               | 280.460                  |
| 29.60              | 89.73                     | 0.19                   | 3.56               | 201.190                  |
| 53.90              | 87.32                     | 0.43                   | 3.80               | 145.710                  |
| 78.30              | 89.67                     | 0.48                   | 3.98               | 119.200                  |
| 102.60             | 86.70                     | 0.49                   | 4.20               | 96.410                   |
| 127.00             | 88.19                     | 0.49                   | 4.44               | 79.410                   |
| 175.70             | 90.31                     | 0.48                   | 4.74               | 65.380                   |
| 200.00             | 93.47                     | 0.47                   | 5.01               | 55.830                   |

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