

# Coaxial Low Pass Filter

# SLP-800+

## Typical Performance Data

| FREQUENCY<br>(MHz) | INSERTION<br>LOSS<br>(dB) | RETURN<br>LOSS<br>(dB) | FREQUENCY<br>(MHz) | GROUP<br>DELAY<br>(nsec) |
|--------------------|---------------------------|------------------------|--------------------|--------------------------|
| 10.0               | 0.21                      | 34.78                  | 10.0               | 1.100                    |
| 100.0              | 0.13                      | 30.31                  | 100.0              | 1.190                    |
| 200.0              | 0.18                      | 24.10                  | 200.0              | 1.200                    |
| 300.0              | 0.23                      | 21.74                  | 300.0              | 1.240                    |
| 400.0              | 0.26                      | 23.81                  | 400.0              | 1.330                    |
| 500.0              | 0.29                      | 33.18                  | 500.0              | 1.440                    |
| 600.0              | 0.42                      | 19.11                  | 600.0              | 1.610                    |
| 700.0              | 0.49                      | 26.59                  | 700.0              | 2.030                    |
| 760.0              | 0.98                      | 11.83                  | 760.0              | 2.640                    |
| 900.0              | 12.12                     | 0.74                   | 900.0              | 1.510                    |
| 950.0              | 17.08                     | 0.45                   | 950.0              | 1.170                    |
| 1000.0             | 21.70                     | 0.36                   | 1000.0             | 0.900                    |
| 1050.0             | 25.91                     | 0.29                   | 1050.0             | 0.830                    |
| 1100.0             | 29.86                     | 0.29                   | 1100.0             | 0.730                    |
| 1150.0             | 33.55                     | 0.27                   | 1150.0             | 0.660                    |
| 1200.0             | 37.05                     | 0.25                   | 1200.0             | 0.600                    |
| 1250.0             | 40.40                     | 0.27                   | 1240.0             | 0.580                    |
| 1260.0             | 41.02                     | 0.26                   | 1250.0             | 0.570                    |
| 1500.0             | 54.46                     | 0.26                   | 1260.0             | 0.560                    |
| 2000.0             | 68.05                     | 0.33                   | 1500.0             | 0.440                    |
| 2500.0             | 66.83                     | 0.35                   | 2000.0             | 0.350                    |
| 3000.0             | 64.08                     | 0.38                   | 2500.0             | 0.240                    |
| 3500.0             | 61.96                     | 0.38                   | 3000.0             | 0.230                    |
| 4000.0             | 59.69                     | 0.37                   | 3500.0             | 0.230                    |
| 4500.0             | 56.77                     | 0.34                   | 4000.0             | 0.220                    |
| 5000.0             | 51.53                     | 0.35                   | 4500.0             | 0.220                    |
| 5500.0             | 37.97                     | 0.38                   | 5000.0             | 0.210                    |
| 6000.0             | 43.27                     | 0.59                   | 5500.0             | 0.440                    |
| 6500.0             | 57.35                     | 0.45                   | 6500.0             | 2.060                    |
| 7000.0             | 43.99                     | 0.49                   | 7000.0             | 0.420                    |
| 7500.0             | 53.19                     | 0.37                   | 7500.0             | 0.110                    |
| 8000.0             | 53.03                     | 0.34                   | 8000.0             | 0.120                    |
| 8500.0             | 44.64                     | 0.34                   | 8500.0             | 0.190                    |
| 9000.0             | 33.94                     | 0.41                   | 9000.0             | 0.520                    |
| 9500.0             | 18.73                     | 1.20                   | 9500.0             | 2.430                    |
| 10000.0            | 34.97                     | 0.45                   | 10000.0            | 0.150                    |

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