

# Coaxial Low Pass Filter

# NLP-70+

## Typical Performance Data

| FREQUENCY<br>(MHz) | INSERTION<br>LOSS<br>(dB) | RETURN<br>LOSS<br>(dB) | FREQUENCY<br>(MHz) | GROUP<br>DELAY<br>(nsec) |
|--------------------|---------------------------|------------------------|--------------------|--------------------------|
| 2.0                | 0.03                      | 31.80                  | 2.0                | 13.370                   |
| 5.0                | 0.06                      | 24.41                  | 5.0                | 12.970                   |
| 10.0               | 0.11                      | 19.80                  | 10.0               | 12.520                   |
| 15.0               | 0.13                      | 18.59                  | 15.0               | 13.090                   |
| 20.0               | 0.13                      | 19.87                  | 20.0               | 13.410                   |
| 25.0               | 0.12                      | 25.00                  | 25.0               | 13.850                   |
| 30.0               | 0.12                      | 35.55                  | 30.0               | 14.320                   |
| 35.0               | 0.17                      | 21.77                  | 35.0               | 14.800                   |
| 40.0               | 0.25                      | 17.38                  | 40.0               | 15.300                   |
| 45.0               | 0.32                      | 15.92                  | 45.0               | 16.160                   |
| 50.0               | 0.35                      | 16.55                  | 50.0               | 17.560                   |
| 60.0               | 0.55                      | 16.82                  | 60.0               | 24.470                   |
| 65.0               | 1.95                      | 6.35                   | 65.0               | 29.780                   |
| 69.0               | 5.21                      | 2.47                   | 69.0               | 27.000                   |
| 73.0               | 9.84                      | 1.08                   | 73.0               | 19.650                   |
| 74.0               | 11.05                     | 0.92                   | 74.0               | 17.990                   |
| 75.0               | 12.27                     | 0.80                   | 75.0               | 16.490                   |
| 100.0              | 37.18                     | 0.34                   | 100.0              | 4.170                    |
| 105.0              | 41.24                     | 0.33                   | 105.0              | 3.390                    |
| 200.0              | 65.61                     | 0.27                   | 200.0              | 1.490                    |
| 250.0              | 66.60                     | 0.25                   | 250.0              | 0.550                    |
| 1000.0             | 71.07                     | 0.15                   | 1000.0             | 3.510                    |
| 1500.0             | 63.73                     | 0.09                   | 1500.0             | 0.340                    |
| 2000.0             | 59.82                     | 0.09                   | 2000.0             | 0.830                    |
| 2500.0             | 65.88                     | 0.19                   | 2500.0             | 1.590                    |
| 3000.0             | 53.71                     | 0.43                   | 3000.0             | 0.450                    |

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