

Typical Performance Data

| FREQUENCY (MHz) | INSERTION LOSS (dB) | | Cross over isolation (dB) (between LPF and HPF) | RETURN LOSS (dB) | | |
|--------------------|---------------------------|---------------|---|------------------------|--------------|---------------|
| | Lowpass port | Highpass port | | Common port | Lowpass port | Highpass port |
| 1.0 | 0.07 | 65.41 | 65.56 | 40.14 | 40.22 | 0.00 |
| 3.0 | 0.10 | 56.13 | 56.19 | 33.47 | 34.03 | 0.01 |
| 5.0 | 0.13 | 52.10 | 52.05 | 29.39 | 30.08 | 0.02 |
| 10.0 | 0.18 | 48.28 | 47.90 | 24.32 | 25.10 | 0.04 |
| 15.0 | 0.23 | 48.52 | 48.08 | 22.88 | 23.77 | 0.07 |
| 20.0 | 0.28 | 53.31 | 53.49 | 24.57 | 25.59 | 0.12 |
| 25.0 | 0.33 | 59.91 | 61.54 | 31.18 | 31.33 | 0.20 |
| 30.0 | 0.42 | 50.34 | 50.71 | 26.41 | 24.77 | 0.30 |
| 35.0 | 0.58 | 59.47 | 58.92 | 21.23 | 20.28 | 0.45 |
| 40.0 | 0.80 | 48.88 | 49.14 | 22.23 | 21.66 | 0.69 |
| 41.0 | 0.87 | 52.06 | 51.76 | 23.00 | 22.43 | 0.75 |
| 41.5 | 0.92 | 60.06 | 55.68 | 23.35 | 22.72 | 0.79 |
| 42.0 | 0.96 | 55.87 | 53.43 | 23.58 | 22.92 | 0.83 |
| 42.5 | 1.02 | 45.31 | 45.64 | 23.62 | 22.96 | 0.87 |
| 43.0 | 1.09 | 39.05 | 39.90 | 23.54 | 22.91 | 0.92 |
| 44.0 | 1.27 | 30.14 | 31.35 | 22.54 | 22.77 | 1.04 |
| 45.0 | 1.58 | 22.90 | 24.55 | 20.19 | 22.76 | 1.25 |
| 45.5 | 1.83 | 19.44 | 21.52 | 18.28 | 21.92 | 1.43 |
| 46.5 | 2.97 | 12.09 | 16.26 | 13.61 | 15.18 | 2.29 |
| 47.0 | 4.36 | 8.29 | 14.52 | 11.80 | 10.72 | 3.41 |
| 48.0 | 10.77 | 3.15 | 15.10 | 12.30 | 4.68 | 8.74 |
| 49.0 | 19.11 | 1.61 | 19.98 | 17.50 | 2.62 | 15.62 |
| 49.5 | 22.50 | 1.33 | 22.91 | 20.45 | 2.16 | 18.17 |
| 50.0 | 25.50 | 1.15 | 25.92 | 22.78 | 1.85 | 19.94 |
| 51.0 | 31.29 | 0.95 | 32.05 | 24.00 | 1.45 | 21.57 |
| 52.0 | 37.41 | 0.83 | 38.30 | 23.34 | 1.20 | 22.10 |
| 53.0 | 44.21 | 0.74 | 44.90 | 22.96 | 1.04 | 22.47 |
| 54.0 | 52.35 | 0.68 | 52.00 | 22.92 | 0.93 | 22.84 |
| 55.0 | 63.74 | 0.63 | 59.12 | 23.09 | 0.85 | 23.23 |
| 60.0 | 64.87 | 0.49 | 65.50 | 24.16 | 0.63 | 24.48 |
| 75.0 | 71.79 | 0.36 | 72.04 | 23.91 | 0.44 | 24.46 |
| 100.0 | 72.04 | 0.32 | 72.24 | 25.50 | 0.33 | 26.46 |
| 140.0 | 83.10 | 0.31 | 89.34 | 30.53 | 0.25 | 33.23 |
| 150.0 | 79.92 | 0.30 | 80.19 | 32.00 | 0.23 | 36.04 |
| 160.0 | 76.60 | 0.30 | 76.06 | 33.22 | 0.22 | 39.62 |
| 170.0 | 74.02 | 0.31 | 73.69 | 34.17 | 0.21 | 45.33 |
| 180.0 | 72.17 | 0.30 | 71.92 | 34.69 | 0.20 | 63.35 |
| 190.0 | 70.76 | 0.30 | 70.34 | 34.69 | 0.19 | 48.48 |
| 200.0 | 69.73 | 0.30 | 69.18 | 34.32 | 0.18 | 41.66 |
| 210.0 | 68.64 | 0.30 | 68.50 | 33.59 | 0.17 | 38.01 |
| 220.0 | 67.90 | 0.31 | 67.66 | 32.57 | 0.17 | 35.52 |
| 230.0 | 67.06 | 0.31 | 66.75 | 31.48 | 0.16 | 33.60 |
| 240.0 | 66.60 | 0.31 | 66.29 | 30.53 | 0.16 | 32.17 |
| 250.0 | 65.83 | 0.31 | 65.50 | 29.68 | 0.15 | 31.03 |
| 260.0 | 65.24 | 0.31 | 64.81 | 28.93 | 0.14 | 30.05 |
| 270.0 | 64.61 | 0.32 | 64.17 | 28.21 | 0.14 | 29.19 |
| 280.0 | 64.07 | 0.32 | 63.72 | 27.50 | 0.14 | 28.37 |
| 300.0 | 63.07 | 0.33 | 63.03 | 26.25 | 0.13 | 26.96 |
| 400.0 | 59.72 | 0.36 | 59.70 | 22.37 | 0.10 | 22.97 |
| 500.0 | 57.17 | 0.40 | 57.26 | 20.28 | 0.08 | 20.94 |
| 600.0 | 55.58 | 0.44 | 56.03 | 19.15 | 0.09 | 19.90 |
| 700.0 | 54.08 | 0.47 | 54.13 | 19.00 | 0.12 | 19.86 |
| 800.0 | 52.12 | 0.49 | 52.32 | 19.56 | 0.17 | 20.25 |
| 900.0 | 52.26 | 0.52 | 48.33 | 20.98 | 0.28 | 20.94 |
| 1000.0 | 51.70 | 0.54 | 52.92 | 23.91 | 0.33 | 21.44 |
| 1050.0 | 51.29 | 0.55 | 50.48 | 25.79 | 0.37 | 21.05 |
| 1100.0 | 50.48 | 0.58 | 49.44 | 27.23 | 0.43 | 20.25 |
| 1150.0 | 50.07 | 0.63 | 48.93 | 26.64 | 0.48 | 19.32 |
| 1200.0 | 49.87 | 0.70 | 48.48 | 24.21 | 0.54 | 18.27 |
| 1220.0 | 49.72 | 0.73 | 48.22 | 23.07 | 0.56 | 17.79 |