

Typical Performance Data

| FREQ. (MHz) | INSERTION LOSS | | COUPLING | | DIRECTIVITY | | RETURN LOSS | | | |
|----------------|----------------|---------|----------|---------|-------------|---------|-------------|-------|-------|-------|
| | (dB) | | (dB) | | (dB) | | (dB) | | | |
| | IN-OUT | FWD-REV | IN-FWD | OUT-REV | IN-REV | OUT-FWD | IN | OUT | FWD | REV |
| 2600 | 0.21 | 0.24 | 18.20 | 18.18 | 22.83 | 22.36 | 78.51 | 59.89 | 39.62 | 45.14 |
| 2650 | 0.21 | 0.24 | 18.09 | 18.08 | 22.14 | 21.39 | 45.07 | 45.06 | 36.29 | 50.85 |
| 2700 | 0.21 | 0.25 | 18.00 | 17.99 | 21.23 | 20.69 | 36.43 | 37.12 | 33.99 | 42.39 |
| 2750 | 0.23 | 0.26 | 17.91 | 17.89 | 20.37 | 20.07 | 33.04 | 33.50 | 31.94 | 37.70 |
| 2800 | 0.23 | 0.26 | 17.79 | 17.78 | 19.58 | 19.55 | 31.93 | 31.34 | 30.79 | 34.75 |
| 2850 | 0.22 | 0.26 | 17.70 | 17.71 | 19.33 | 19.06 | 30.11 | 28.86 | 29.51 | 32.19 |
| 2900 | 0.24 | 0.27 | 17.63 | 17.62 | 19.24 | 18.83 | 28.24 | 27.40 | 28.39 | 30.18 |
| 2950 | 0.23 | 0.26 | 17.52 | 17.53 | 18.93 | 18.73 | 26.84 | 26.52 | 27.79 | 28.64 |
| 3000 | 0.22 | 0.26 | 17.44 | 17.43 | 18.84 | 18.52 | 25.84 | 25.57 | 27.00 | 27.38 |
| 3050 | 0.24 | 0.28 | 17.38 | 17.36 | 18.96 | 18.53 | 24.96 | 24.63 | 26.56 | 26.57 |
| 3100 | 0.23 | 0.27 | 17.28 | 17.28 | 18.90 | 18.72 | 23.89 | 24.12 | 26.18 | 25.70 |
| 3150 | 0.24 | 0.26 | 17.21 | 17.20 | 18.85 | 18.96 | 23.23 | 23.74 | 25.64 | 24.77 |
| 3200 | 0.25 | 0.28 | 17.15 | 17.11 | 18.90 | 19.08 | 23.03 | 23.28 | 25.45 | 24.25 |
| 3250 | 0.23 | 0.27 | 17.07 | 17.04 | 19.21 | 19.36 | 22.78 | 22.83 | 25.16 | 23.85 |
| 3300 | 0.23 | 0.27 | 17.00 | 16.97 | 19.80 | 19.84 | 22.55 | 22.64 | 24.88 | 23.38 |
| 3350 | 0.24 | 0.28 | 16.93 | 16.90 | 20.31 | 20.29 | 22.42 | 22.48 | 24.65 | 23.03 |
| 3400 | 0.23 | 0.27 | 16.85 | 16.83 | 20.77 | 20.61 | 22.30 | 22.24 | 24.48 | 22.75 |
| 3450 | 0.23 | 0.27 | 16.79 | 16.76 | 21.32 | 21.07 | 22.12 | 22.07 | 24.27 | 22.51 |
| 3500 | 0.23 | 0.28 | 16.74 | 16.69 | 21.87 | 21.87 | 21.83 | 22.11 | 24.07 | 22.45 |
| 3550 | 0.23 | 0.28 | 16.68 | 16.63 | 22.00 | 22.25 | 21.80 | 22.18 | 23.97 | 22.22 |
| 3600 | 0.24 | 0.29 | 16.62 | 16.57 | 21.80 | 22.27 | 21.75 | 22.10 | 23.69 | 22.02 |
| 3650 | 0.25 | 0.29 | 16.61 | 16.53 | 21.87 | 22.35 | 21.84 | 22.11 | 23.62 | 22.06 |
| 3700 | 0.25 | 0.29 | 16.52 | 16.47 | 22.34 | 22.99 | 21.98 | 22.47 | 23.48 | 22.07 |
| 3750 | 0.25 | 0.30 | 16.47 | 16.43 | 22.83 | 23.06 | 22.48 | 22.81 | 23.26 | 22.06 |
| 3800 | 0.26 | 0.30 | 16.43 | 16.39 | 22.77 | 22.84 | 22.71 | 22.88 | 23.25 | 22.02 |
| 3850 | 0.26 | 0.31 | 16.35 | 16.33 | 23.27 | 22.91 | 23.03 | 23.15 | 23.21 | 22.23 |
| 3900 | 0.26 | 0.32 | 16.32 | 16.29 | 23.56 | 23.11 | 23.40 | 23.64 | 23.11 | 22.38 |
| 3950 | 0.28 | 0.33 | 16.31 | 16.25 | 23.01 | 23.15 | 23.62 | 24.05 | 23.20 | 22.53 |
| 4000 | 0.29 | 0.33 | 16.24 | 16.20 | 23.05 | 23.12 | 23.80 | 24.26 | 23.02 | 22.64 |
| 4050 | 0.29 | 0.34 | 16.22 | 16.22 | 22.88 | 22.97 | 23.76 | 24.58 | 23.17 | 22.88 |
| 4100 | 0.30 | 0.36 | 16.22 | 16.17 | 23.40 | 23.15 | 24.18 | 25.03 | 23.18 | 23.30 |
| 4150 | 0.30 | 0.36 | 16.13 | 16.09 | 23.91 | 22.71 | 24.75 | 24.99 | 23.21 | 23.54 |
| 4200 | 0.30 | 0.35 | 16.13 | 16.13 | 23.95 | 22.13 | 24.90 | 25.03 | 23.35 | 23.99 |
| 4250 | 0.32 | 0.38 | 16.14 | 16.14 | 24.55 | 22.35 | 25.16 | 25.33 | 23.44 | 24.30 |
| 4300 | 0.31 | 0.38 | 16.05 | 16.05 | 24.51 | 22.13 | 25.48 | 25.68 | 23.52 | 24.68 |
| 4350 | 0.30 | 0.36 | 16.04 | 16.03 | 24.41 | 21.29 | 26.14 | 25.82 | 23.58 | 25.18 |
| 4400 | 0.34 | 0.39 | 16.07 | 16.07 | 24.17 | 21.06 | 25.93 | 25.69 | 23.91 | 25.55 |
| 4450 | 0.33 | 0.38 | 15.98 | 16.01 | 23.04 | 20.97 | 25.43 | 25.98 | 23.92 | 26.03 |
| 4500 | 0.31 | 0.37 | 15.96 | 15.94 | 22.17 | 20.49 | 25.42 | 26.62 | 24.11 | 26.29 |
| 4550 | 0.35 | 0.40 | 15.99 | 15.93 | 21.29 | 20.01 | 25.59 | 26.35 | 24.38 | 26.48 |
| 4600 | 0.33 | 0.38 | 15.91 | 15.95 | 20.46 | 20.07 | 25.53 | 26.24 | 24.42 | 26.91 |
| 4650 | 0.31 | 0.37 | 15.90 | 15.91 | 20.00 | 20.10 | 25.28 | 26.36 | 24.84 | 27.04 |
| 4700 | 0.33 | 0.39 | 15.90 | 15.87 | 19.61 | 19.72 | 25.10 | 25.85 | 24.92 | 26.76 |
| 4750 | 0.31 | 0.37 | 15.87 | 15.89 | 19.44 | 19.66 | 25.38 | 25.29 | 25.25 | 26.69 |
| 4800 | 0.32 | 0.37 | 15.87 | 15.90 | 19.27 | 19.82 | 25.23 | 25.02 | 25.72 | 26.95 |
| 4850 | 0.33 | 0.38 | 15.87 | 15.87 | 18.85 | 19.45 | 24.68 | 24.54 | 25.92 | 26.63 |
| 4900 | 0.33 | 0.37 | 15.88 | 15.88 | 18.81 | 19.07 | 24.53 | 23.87 | 26.36 | 26.15 |
| 4950 | 0.33 | 0.37 | 15.90 | 15.91 | 18.68 | 18.85 | 24.32 | 23.29 | 26.54 | 25.97 |
| 5000 | 0.33 | 0.37 | 15.90 | 15.91 | 18.42 | 18.84 | 24.05 | 23.15 | 26.84 | 25.85 |
| 5050 | 0.34 | 0.38 | 15.90 | 15.91 | 18.35 | 18.77 | 23.80 | 22.96 | 26.99 | 25.33 |
| 5100 | 0.33 | 0.39 | 15.92 | 15.91 | 18.46 | 18.55 | 23.62 | 22.65 | 26.98 | 25.04 |
| 5150 | 0.33 | 0.38 | 15.95 | 15.95 | 18.93 | 18.80 | 23.73 | 22.29 | 26.85 | 24.49 |
| 5200 | 0.35 | 0.40 | 16.00 | 16.00 | 19.53 | 19.73 | 22.72 | 22.08 | 26.33 | 23.90 |
| 5250 | 0.36 | 0.41 | 16.02 | 16.01 | 19.62 | 20.35 | 22.04 | 22.17 | 26.00 | 23.68 |
| 5300 | 0.37 | 0.42 | 16.09 | 16.05 | 19.43 | 20.77 | 21.60 | 21.66 | 25.45 | 22.94 |
| 5350 | 0.38 | 0.44 | 16.09 | 16.10 | 20.00 | 21.47 | 20.90 | 20.85 | 24.46 | 22.23 |
| 5400 | 0.39 | 0.43 | 16.14 | 16.18 | 19.54 | 21.75 | 20.04 | 20.25 | 23.82 | 21.83 |
| 5450 | 0.43 | 0.46 | 16.26 | 16.27 | 18.75 | 21.60 | 19.51 | 19.83 | 23.06 | 21.15 |
| 5500 | 0.40 | 0.47 | 16.20 | 16.23 | 18.94 | 20.82 | 19.38 | 19.21 | 22.26 | 20.41 |
| 5550 | 0.39 | 0.47 | 16.25 | 16.33 | 18.61 | 19.45 | 19.35 | 18.59 | 21.31 | 19.80 |
| 5600 | 0.46 | 0.51 | 16.42 | 16.48 | 18.39 | 18.68 | 18.77 | 18.19 | 20.64 | 19.27 |