

Typical Performance Data

| FREQ. (MHz) | MAINLINE LOSS ⁽¹⁾ (dB) | COUPLING (dB) | | DIRECTIVITY (dB) | | RETURN LOSS (dB) | | | | |
|----------------|-----------------------------------------|------------------|-----------|---------------------|-------------|---------------------|-------|-------|--------|--------|
| | | IN-THRU | IN-COUP 1 | THRU-COUP 2 | THRU-COUP 1 | IN-COUP 2 | IN | THRU | COUP 1 | COUP 2 |
| | | | | | | | | | | |
| 1000 | 0.22 | 19.90 | 20.01 | 34.25 | 36.62 | 32.79 | 33.00 | 56.22 | 47.28 | |
| 1500 | 0.27 | 19.11 | 19.17 | 32.80 | 37.43 | 38.67 | 35.12 | 45.14 | 44.39 | |
| 2000 | 0.28 | 19.75 | 19.74 | 34.23 | 35.31 | 45.97 | 44.76 | 36.31 | 39.56 | |
| 2500 | 0.30 | 19.98 | 19.98 | 34.06 | 30.78 | 36.57 | 36.24 | 38.32 | 37.56 | |
| 3000 | 0.34 | 19.49 | 19.56 | 30.06 | 32.86 | 31.12 | 31.09 | 31.35 | 33.69 | |
| 3500 | 0.36 | 19.39 | 19.50 | 32.31 | 32.19 | 37.42 | 35.87 | 27.04 | 28.91 | |
| 4000 | 0.37 | 19.72 | 19.80 | 32.41 | 32.24 | 32.41 | 32.68 | 38.71 | 39.35 | |
| 4500 | 0.40 | 19.71 | 19.74 | 28.82 | 36.12 | 27.80 | 27.47 | 25.70 | 28.44 | |
| 5000 | 0.41 | 19.40 | 19.42 | 27.14 | 26.35 | 38.48 | 35.42 | 25.56 | 28.58 | |
| 5500 | 0.43 | 19.46 | 19.56 | 25.90 | 25.96 | 32.05 | 32.18 | 39.07 | 33.46 | |
| 6000 | 0.44 | 19.69 | 19.92 | 30.23 | 39.11 | 35.05 | 32.20 | 27.56 | 25.27 | |
| 6500 | 0.47 | 19.52 | 19.85 | 30.69 | 28.93 | 28.91 | 29.01 | 36.48 | 31.42 | |
| 7000 | 0.49 | 19.26 | 19.64 | 23.75 | 25.26 | 25.57 | 25.02 | 30.30 | 31.73 | |
| 7500 | 0.49 | 19.40 | 19.77 | 21.82 | 26.45 | 34.78 | 32.55 | 27.25 | 26.54 | |
| 8000 | 0.51 | 19.79 | 20.14 | 22.77 | 34.71 | 26.82 | 27.81 | 35.30 | 32.62 | |
| 8500 | 0.52 | 19.75 | 19.99 | 24.94 | 31.33 | 30.42 | 30.50 | 28.13 | 28.90 | |
| 9000 | 0.54 | 19.43 | 19.62 | 20.81 | 24.82 | 29.25 | 29.33 | 27.50 | 24.85 | |
| 9500 | 0.58 | 19.51 | 19.69 | 20.63 | 24.99 | 24.53 | 25.08 | 31.71 | 43.26 | |
| 10000 | 0.56 | 19.77 | 20.09 | 30.55 | 31.23 | 31.05 | 43.11 | 22.16 | 24.71 | |
| 11000 | 0.59 | 19.52 | 19.83 | 22.27 | 25.60 | 26.28 | 27.65 | 26.26 | 30.10 | |
| 12000 | 0.61 | 19.81 | 20.07 | 29.56 | 27.17 | 27.46 | 26.76 | 38.89 | 37.14 | |
| 13000 | 0.69 | 19.46 | 19.74 | 29.57 | 26.03 | 23.56 | 25.21 | 25.06 | 28.24 | |
| 14000 | 0.66 | 19.89 | 20.16 | 19.45 | 23.48 | 24.69 | 26.20 | 23.30 | 26.21 | |
| 15000 | 0.70 | 19.41 | 19.72 | 20.87 | 21.56 | 36.58 | 34.79 | 23.15 | 24.51 | |
| 16000 | 0.73 | 19.77 | 20.04 | 20.30 | 34.62 | 27.43 | 29.23 | 25.57 | 31.05 | |
| 17000 | 0.78 | 19.44 | 19.84 | 17.09 | 22.89 | 23.11 | 23.34 | 29.00 | 28.46 | |
| 18000 | 0.79 | 19.75 | 20.22 | 21.97 | 28.00 | 23.75 | 23.26 | 23.86 | 22.45 | |
| 19000 | 0.80 | 19.50 | 19.83 | 21.68 | 28.74 | 25.48 | 25.06 | 29.90 | 33.20 | |
| 20000 | 0.77 | 19.93 | 20.21 | 25.95 | 19.02 | 28.57 | 34.92 | 28.58 | 27.96 | |
| 22000 | 0.92 | 20.05 | 20.40 | 15.95 | 21.27 | 20.88 | 20.87 | 20.96 | 21.51 | |
| 24000 | 0.93 | 19.94 | 20.00 | 19.14 | 34.40 | 29.19 | 28.15 | 23.54 | 25.54 | |
| 26000 | 0.97 | 20.20 | 20.11 | 25.83 | 20.58 | 27.81 | 28.37 | 17.82 | 21.29 | |
| 28000 | 1.12 | 19.99 | 20.05 | 17.13 | 15.19 | 17.69 | 17.46 | 29.35 | 23.52 | |
| 30000 | 1.10 | 20.10 | 20.14 | 14.80 | 18.13 | 25.25 | 25.21 | 24.58 | 34.05 | |
| 32000 | 1.11 | 19.88 | 20.15 | 13.26 | 18.53 | 22.23 | 22.68 | 25.83 | 20.73 | |
| 34000 | 1.24 | 19.89 | 20.05 | 17.67 | 24.12 | 21.59 | 22.31 | 18.35 | 19.64 | |
| 36000 | 1.26 | 19.53 | 19.72 | 20.94 | 24.07 | 38.71 | 36.79 | 22.29 | 25.53 | |
| 38000 | 1.33 | 19.40 | 19.29 | 14.37 | 17.25 | 34.64 | 31.16 | 17.94 | 22.86 | |
| 40000 | 1.43 | 19.28 | 19.13 | 16.91 | 23.45 | 21.04 | 21.37 | 25.07 | 22.60 | |
| 43500 | 1.56 | 18.80 | 18.53 | 24.59 | 20.26 | 27.55 | 31.65 | 21.40 | 28.01 | |

⁽¹⁾ Mainline loss includes coupling loss