

## Typical Performance Data

| FREQUENCY<br>(MHz) | INSERTION<br>LOSS<br>(dB) | COUPLING<br>(dB) | DIRECTIVITY<br>(dB) | RETURN LOSS<br>(dB) |       |       |
|--------------------|---------------------------|------------------|---------------------|---------------------|-------|-------|
|                    |                           |                  |                     | IN                  | OUT   | CPL   |
| 1000               | 0.15                      | 22.33            | 33.70               | 41.11               | 41.08 | 47.18 |
| 2000               | 0.22                      | 19.61            | 36.01               | 40.07               | 43.12 | 35.23 |
| 4000               | 0.29                      | 19.72            | 33.88               | 37.51               | 36.20 | 38.51 |
| 6000               | 0.35                      | 20.00            | 38.20               | 35.91               | 33.27 | 32.27 |
| 8000               | 0.39                      | 20.00            | 45.50               | 40.57               | 38.38 | 33.26 |
| 10000              | 0.43                      | 19.86            | 34.23               | 32.13               | 32.73 | 29.45 |
| 10500              | 0.44                      | 19.98            | 29.06               | 32.36               | 31.95 | 26.21 |
| 11000              | 0.45                      | 20.07            | 31.25               | 44.86               | 40.97 | 34.51 |
| 11500              | 0.46                      | 20.06            | 34.47               | 29.06               | 30.53 | 29.42 |
| 12000              | 0.47                      | 20.02            | 26.14               | 26.56               | 27.73 | 24.16 |
| 12500              | 0.48                      | 20.01            | 24.37               | 33.74               | 32.04 | 27.98 |
| 13000              | 0.49                      | 20.09            | 26.72               | 31.33               | 31.98 | 39.89 |
| 13500              | 0.51                      | 20.13            | 29.60               | 25.23               | 27.38 | 30.18 |
| 14000              | 0.52                      | 20.07            | 30.32               | 27.01               | 28.45 | 28.46 |
| 14500              | 0.52                      | 19.99            | 30.39               | 45.14               | 38.66 | 27.10 |
| 15000              | 0.53                      | 19.99            | 23.94               | 29.89               | 32.49 | 33.34 |
| 15500              | 0.55                      | 20.08            | 21.06               | 26.31               | 28.30 | 28.57 |
| 16000              | 0.56                      | 20.14            | 23.12               | 30.85               | 30.70 | 21.71 |
| 16500              | 0.56                      | 20.13            | 45.96               | 34.36               | 38.48 | 24.63 |
| 17000              | 0.59                      | 20.06            | 22.84               | 25.22               | 25.71 | 29.07 |
| 17500              | 0.60                      | 20.19            | 18.62               | 27.20               | 27.67 | 19.28 |
| 18000              | 0.60                      | 20.24            | 19.74               | 33.67               | 34.49 | 20.43 |
| 18500              | 0.64                      | 20.29            | 25.57               | 23.87               | 22.98 | 36.83 |
| 19000              | 0.65                      | 20.27            | 24.19               | 25.15               | 24.75 | 18.94 |
| 19500              | 0.65                      | 20.30            | 22.91               | 33.65               | 31.90 | 18.86 |
| 20000              | 0.68                      | 20.25            | 27.67               | 21.98               | 22.38 | 48.95 |
| 20500              | 0.69                      | 20.27            | 21.22               | 23.51               | 23.15 | 19.66 |
| 21000              | 0.69                      | 20.36            | 18.41               | 35.61               | 27.09 | 19.46 |
| 21500              | 0.72                      | 20.42            | 21.53               | 20.82               | 20.92 | 42.11 |
| 22000              | 0.73                      | 20.36            | 28.53               | 21.75               | 23.25 | 21.53 |
| 22500              | 0.72                      | 20.23            | 19.46               | 35.57               | 30.02 | 22.95 |
| 23000              | 0.78                      | 20.38            | 17.94               | 19.41               | 19.72 | 37.84 |
| 23500              | 0.82                      | 20.54            | 22.36               | 17.55               | 18.40 | 23.84 |
| 24000              | 0.78                      | 20.42            | 21.05               | 24.41               | 30.50 | 29.55 |
| 24500              | 0.82                      | 20.28            | 16.73               | 20.32               | 21.07 | 23.84 |
| 25000              | 0.88                      | 20.40            | 18.30               | 16.25               | 16.66 | 18.82 |
| 26000              | 0.82                      | 20.24            | 21.22               | 24.80               | 28.96 | 19.58 |
| 26500              | 0.90                      | 20.33            | 17.83               | 17.16               | 17.71 | 14.72 |