

## Typical Performance Data

| FREQUENCY<br>(MHz) | INSERTION<br>LOSS<br>(dB) | SMA-MALE 1<br>RETURN LOSS<br>(dB) | SMA-MALE 2<br>RETURN LOSS<br>(dB) |
|--------------------|---------------------------|-----------------------------------|-----------------------------------|
| 100.0              | 0.03                      | 36.3                              | 38.9                              |
| 200.0              | 0.06                      | 36.0                              | 36.3                              |
| 300.0              | 0.05                      | 39.1                              | 39.2                              |
| 400.0              | 0.07                      | 48.3                              | 46.9                              |
| 500.0              | 0.09                      | 39.2                              | 39.7                              |
| 600.0              | 0.09                      | 36.2                              | 36.1                              |
| 700.0              | 0.10                      | 40.7                              | 40.0                              |
| 800.0              | 0.10                      | 46.1                              | 47.6                              |
| 900.0              | 0.12                      | 39.0                              | 38.7                              |
| 1000.0             | 0.12                      | 35.9                              | 36.4                              |
| 1100.0             | 0.13                      | 40.9                              | 43.7                              |
| 1250.0             | 0.14                      | 43.8                              | 42.1                              |
| 1500.0             | 0.17                      | 40.9                              | 43.1                              |
| 1750.0             | 0.18                      | 35.6                              | 35.7                              |
| 2000.0             | 0.20                      | 48.0                              | 51.5                              |
| 2250.0             | 0.19                      | 36.9                              | 40.1                              |
| 2500.0             | 0.21                      | 38.3                              | 41.3                              |
| 2750.0             | 0.23                      | 38.7                              | 43.2                              |
| 3000.0             | 0.23                      | 37.3                              | 40.0                              |
| 3250.0             | 0.26                      | 38.7                              | 41.2                              |
| 3500.0             | 0.25                      | 37.5                              | 41.5                              |
| 3750.0             | 0.26                      | 38.1                              | 41.8                              |
| 4000.0             | 0.28                      | 39.7                              | 43.9                              |
| 4250.0             | 0.29                      | 37.8                              | 41.8                              |
| 4500.0             | 0.33                      | 41.1                              | 45.7                              |
| 5000.0             | 0.33                      | 39.6                              | 43.6                              |
| 5500.0             | 0.35                      | 37.8                              | 43.0                              |
| 6000.0             | 0.39                      | 34.6                              | 37.0                              |
| 6500.0             | 0.39                      | 37.2                              | 41.8                              |
| 7000.0             | 0.41                      | 40.2                              | 42.7                              |
| 7500.0             | 0.43                      | 39.0                              | 42.6                              |
| 8000.0             | 0.43                      | 38.3                              | 46.6                              |
| 8500.0             | 0.46                      | 43.0                              | 46.3                              |
| 9000.0             | 0.48                      | 41.9                              | 43.6                              |
| 9500.0             | 0.49                      | 44.0                              | 39.0                              |
| 10000.0            | 0.53                      | 39.9                              | 33.8                              |
| 11000.0            | 0.47                      | 35.3                              | 32.1                              |
| 12000.0            | 0.52                      | 32.8                              | 30.9                              |
| 13000.0            | 0.57                      | 29.9                              | 28.8                              |
| 13500.0            | 0.58                      | 29.5                              | 27.7                              |
| 14000.0            | 0.57                      | 28.0                              | 26.7                              |
| 14500.0            | 0.59                      | 29.0                              | 27.2                              |
| 15000.0            | 0.62                      | 29.4                              | 27.4                              |
| 15500.0            | 0.66                      | 25.2                              | 26.1                              |
| 16000.0            | 0.64                      | 25.5                              | 24.4                              |
| 16500.0            | 0.68                      | 26.8                              | 26.1                              |
| 17000.0            | 0.72                      | 23.9                              | 23.5                              |
| 17500.0            | 0.71                      | 24.3                              | 23.7                              |
| 18000.0            | 0.77                      | 19.9                              | 20.8                              |