

## Typical Performance Data

| FREQUENCY<br>(MHz) | TOTAL LOSS <sup>1</sup><br>(dB)<br>S-1 | AMPLITUDE<br>UNBALANCE<br>(dB) | ISOLATION<br>(dB) |       | PHASE<br>UNBALANCE<br>(deg.) | FREQUENCY<br>(MHz) | VSWR<br>(:1) |      |
|--------------------|----------------------------------------|--------------------------------|-------------------|-------|------------------------------|--------------------|--------------|------|
|                    |                                        |                                | 1-2               | 3-4   |                              |                    | S            | 1    |
| 400                | 12.68                                  | 0.42                           | 25.02             | 24.04 | 2.57                         | 400.0              | 1.48         | 1.08 |
| 420                | 12.64                                  | 0.23                           | 29.43             | 27.87 | 2.65                         | 420.0              | 1.42         | 1.09 |
| 440                | 12.58                                  | 0.13                           | 38.18             | 34.59 | 2.86                         | 440.0              | 1.33         | 1.09 |
| 460                | 12.54                                  | 0.17                           | 36.71             | 38.65 | 2.93                         | 460.0              | 1.22         | 1.09 |
| 480                | 12.53                                  | 0.29                           | 29.48             | 30.86 | 2.98                         | 480.0              | 1.12         | 1.08 |
| 500                | 12.55                                  | 0.35                           | 26.03             | 26.96 | 3.84                         | 500.0              | 1.06         | 1.06 |
| 520                | 12.58                                  | 0.35                           | 24.14             | 24.85 | 5.03                         | 520.0              | 1.06         | 1.06 |
| 540                | 12.60                                  | 0.26                           | 23.12             | 23.71 | 6.03                         | 540.0              | 1.09         | 1.06 |
| 560                | 12.60                                  | 0.20                           | 22.68             | 23.18 | 6.44                         | 560.0              | 1.12         | 1.07 |
| 580                | 12.60                                  | 0.18                           | 22.65             | 23.09 | 6.43                         | 580.0              | 1.14         | 1.08 |
| 600                | 12.59                                  | 0.24                           | 22.97             | 23.35 | 5.92                         | 600.0              | 1.14         | 1.10 |
| 620                | 12.59                                  | 0.29                           | 23.59             | 23.90 | 5.19                         | 620.0              | 1.13         | 1.11 |
| 640                | 12.59                                  | 0.34                           | 24.50             | 24.71 | 4.74                         | 640.0              | 1.11         | 1.12 |
| 660                | 12.58                                  | 0.38                           | 25.65             | 25.69 | 4.55                         | 660.0              | 1.10         | 1.13 |
| 680                | 12.56                                  | 0.42                           | 26.87             | 26.58 | 4.72                         | 680.0              | 1.13         | 1.13 |
| 700                | 12.55                                  | 0.45                           | 27.60             | 26.84 | 4.97                         | 700.0              | 1.20         | 1.13 |

<sup>1</sup>Total Loss = Insertion Loss + 12dB Splitter Loss