# 2 Way-0° Power Splitter/Combiner ZFSC-2-9G+

## *Typical Performance Data*

| FREQUENCY (MHz) | TOTAL LOSS[1] (dB) | | AMPLITUDE UNBALANCE (dB) | ISOLATION (dB) | PHASE UNBALANCE (deg.) |
|---|---|---|---|---|---|
| | S-1 | S-2 | | 1-2 | |
| 3500.0 | 3.17 | 3.13 | 0.06 | 21.90 | 1.29 |
| 3750.0 | 3.26 | 3.22 | 0.06 | 24.38 | 1.26 |
| 4000.0 | 3.38 | 3.33 | 0.07 | 26.50 | 1.27 |
| 4250.0 | 3.16 | 3.11 | 0.07 | 26.90 | 1.52 |
| 4500.0 | 3.28 | 3.24 | 0.05 | 26.31 | 1.57 |
| 4625.0 | 3.30 | 3.26 | 0.07 | 25.61 | 1.58 |
| 4750.0 | 3.36 | 3.33 | 0.07 | 24.88 | 1.64 |
| 4875.0 | 3.38 | 3.34 | 0.06 | 24.01 | 1.72 |
| 5000.0 | 3.45 | 3.42 | 0.08 | 23.18 | 1.78 |
| 6000.0 | 3.55 | 3.48 | 0.15 | 19.39 | 1.96 |
| 7000.0 | 3.71 | 3.64 | 0.13 | 19.26 | 2.22 |
| 8000.0 | 3.79 | 3.67 | 0.19 | 18.13 | 2.53 |
| 9000.0 | 3.73 | 3.61 | 0.22 | 19.34 | 2.54 |

| FREQUENCY (MHz) | VSWR (:1) | | |
|---|---|---|---|
| | S | 1 | 2 |
| 3500.0 | 1.32 | 1.28 | 1.28 |
| 3750.0 | 1.24 | 1.26 | 1.27 |
| 4000.0 | 1.17 | 1.25 | 1.26 |
| 4250.0 | 1.10 | 1.22 | 1.23 |
| 4500.0 | 1.07 | 1.20 | 1.21 |
| 4625.0 | 1.07 | 1.18 | 1.20 |
| 4750.0 | 1.08 | 1.18 | 1.19 |
| 4875.0 | 1.08 | 1.16 | 1.17 |
| 5000.0 | 1.09 | 1.15 | 1.16 |
| 6000.0 | 1.23 | 1.12 | 1.13 |
| 7000.0 | 1.29 | 1.17 | 1.18 |
| 8000.0 | 1.41 | 1.33 | 1.34 |
| 9000.0 | 1.57 | 1.45 | 1.46 |

[1]Total Loss = Insertion Loss + 3dB Splitter Loss