

2 Way-0° Power Splitter/Combiner

ZAPD-1750+

Typical Performance Data

| FREQ. (MHz) | TOTAL LOSS ¹ (dB) | | AMP. UNBAL. (dB) | ISOLATION (dB) 1-2 | PHASE UNBAL. (deg.) | FREQ. (MHz) | VSWR (:1) | | |
|----------------|---------------------------------|------|------------------------|--------------------------|---------------------------|----------------|--------------|------|------|
| | S-1 | S-2 | | | | | S | 1 | 2 |
| 950.0 | 3.13 | 3.17 | 0.04 | 27.03 | 0.17 | 950.0 | 1.17 | 1.12 | 1.08 |
| 970.0 | 3.13 | 3.17 | 0.05 | 28.35 | 0.22 | 970.0 | 1.16 | 1.12 | 1.08 |
| 990.0 | 3.15 | 3.18 | 0.03 | 29.88 | 0.14 | 990.0 | 1.14 | 1.12 | 1.08 |
| 1010.0 | 3.13 | 3.17 | 0.04 | 31.64 | 0.19 | 1010.0 | 1.13 | 1.12 | 1.08 |
| 1030.0 | 3.10 | 3.13 | 0.03 | 33.80 | 0.03 | 1030.0 | 1.11 | 1.11 | 1.08 |
| 1050.0 | 3.12 | 3.15 | 0.03 | 36.45 | 0.13 | 1050.0 | 1.10 | 1.11 | 1.08 |
| 1070.0 | 3.13 | 3.15 | 0.02 | 40.04 | 0.15 | 1070.0 | 1.08 | 1.11 | 1.07 |
| 1090.0 | 3.14 | 3.18 | 0.03 | 45.61 | 0.13 | 1090.0 | 1.07 | 1.11 | 1.07 |
| 1110.0 | 3.13 | 3.16 | 0.03 | 56.63 | 0.21 | 1110.0 | 1.06 | 1.10 | 1.07 |
| 1130.0 | 3.10 | 3.15 | 0.05 | 47.73 | 0.15 | 1130.0 | 1.04 | 1.10 | 1.06 |
| 1150.0 | 3.11 | 3.14 | 0.03 | 41.90 | 0.03 | 1150.0 | 1.03 | 1.10 | 1.06 |
| 1170.0 | 3.12 | 3.14 | 0.02 | 38.61 | 0.06 | 1170.0 | 1.03 | 1.10 | 1.06 |
| 1190.0 | 3.10 | 3.13 | 0.03 | 36.42 | 0.26 | 1190.0 | 1.02 | 1.10 | 1.06 |
| 1210.0 | 3.10 | 3.13 | 0.03 | 34.81 | 0.23 | 1210.0 | 1.02 | 1.09 | 1.05 |
| 1230.0 | 3.15 | 3.19 | 0.04 | 33.63 | 0.32 | 1230.0 | 1.01 | 1.09 | 1.05 |
| 1250.0 | 3.16 | 3.20 | 0.04 | 32.60 | 0.20 | 1250.0 | 1.01 | 1.09 | 1.05 |
| 1270.0 | 3.10 | 3.15 | 0.04 | 31.82 | 0.12 | 1270.0 | 1.01 | 1.08 | 1.05 |
| 1290.0 | 3.14 | 3.18 | 0.03 | 31.20 | 0.05 | 1290.0 | 1.02 | 1.08 | 1.05 |
| 1310.0 | 3.12 | 3.15 | 0.03 | 30.74 | 0.08 | 1310.0 | 1.03 | 1.08 | 1.05 |
| 1330.0 | 3.11 | 3.14 | 0.03 | 30.41 | 0.23 | 1330.0 | 1.03 | 1.07 | 1.05 |
| 1350.0 | 3.09 | 3.12 | 0.03 | 30.15 | 0.18 | 1350.0 | 1.04 | 1.07 | 1.05 |
| 1370.0 | 3.14 | 3.18 | 0.04 | 30.05 | 0.19 | 1370.0 | 1.05 | 1.07 | 1.05 |
| 1390.0 | 3.19 | 3.21 | 0.02 | 30.00 | 0.28 | 1390.0 | 1.05 | 1.07 | 1.05 |
| 1410.0 | 3.18 | 3.23 | 0.05 | 30.02 | 0.18 | 1410.0 | 1.05 | 1.07 | 1.05 |
| 1430.0 | 3.12 | 3.17 | 0.05 | 30.11 | 0.22 | 1430.0 | 1.06 | 1.07 | 1.05 |
| 1450.0 | 3.13 | 3.19 | 0.06 | 30.34 | 0.14 | 1450.0 | 1.06 | 1.07 | 1.05 |
| 1470.0 | 3.12 | 3.17 | 0.05 | 30.63 | 0.14 | 1470.0 | 1.07 | 1.07 | 1.05 |
| 1490.0 | 3.13 | 3.18 | 0.05 | 31.04 | 0.28 | 1490.0 | 1.07 | 1.07 | 1.06 |
| 1510.0 | 3.16 | 3.21 | 0.05 | 31.49 | 0.24 | 1510.0 | 1.08 | 1.06 | 1.06 |
| 1530.0 | 3.17 | 3.23 | 0.06 | 32.13 | 0.33 | 1530.0 | 1.09 | 1.06 | 1.06 |
| 1550.0 | 3.17 | 3.23 | 0.06 | 32.83 | 0.33 | 1550.0 | 1.09 | 1.06 | 1.06 |
| 1570.0 | 3.14 | 3.20 | 0.06 | 33.54 | 0.15 | 1570.0 | 1.10 | 1.06 | 1.06 |
| 1590.0 | 3.12 | 3.18 | 0.06 | 34.21 | 0.11 | 1590.0 | 1.10 | 1.06 | 1.06 |
| 1610.0 | 3.14 | 3.19 | 0.05 | 34.83 | 0.34 | 1610.0 | 1.11 | 1.06 | 1.06 |
| 1630.0 | 3.15 | 3.19 | 0.05 | 35.04 | 0.27 | 1630.0 | 1.11 | 1.05 | 1.06 |
| 1650.0 | 3.13 | 3.19 | 0.06 | 34.87 | 0.31 | 1650.0 | 1.12 | 1.05 | 1.05 |
| 1670.0 | 3.17 | 3.25 | 0.08 | 34.13 | 0.26 | 1670.0 | 1.12 | 1.05 | 1.05 |
| 1690.0 | 3.17 | 3.25 | 0.08 | 33.00 | 0.19 | 1690.0 | 1.12 | 1.04 | 1.05 |
| 1710.0 | 3.15 | 3.22 | 0.07 | 31.61 | 0.16 | 1710.0 | 1.13 | 1.03 | 1.05 |
| 1730.0 | 3.16 | 3.21 | 0.05 | 30.20 | 0.27 | 1730.0 | 1.14 | 1.03 | 1.05 |
| 1750.0 | 3.15 | 3.23 | 0.07 | 28.88 | 0.27 | 1750.0 | 1.14 | 1.02 | 1.05 |

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

