

Directional Coupler

ZNDC-18-2G+

Typical Performance Data

| FREQUENCY (MHz) | INSERTION LOSS (dB) | COUPLING (dB) | DIRECTIVITY (dB) | RETURN LOSS | | |
|--------------------|---------------------------|------------------|---------------------|-------------|-------------|-------|
| | | | | IN | (dB) OUT | CPL |
| 800.0 | 0.35 | 18.76 | 23.37 | 21.37 | 21.29 | 21.05 |
| 810.0 | 0.35 | 18.75 | 23.52 | 21.50 | 21.33 | 21.14 |
| 825.0 | 0.35 | 18.73 | 23.79 | 21.75 | 21.43 | 21.25 |
| 850.0 | 0.36 | 18.70 | 23.89 | 22.18 | 21.89 | 21.48 |
| 875.0 | 0.36 | 18.67 | 24.14 | 22.41 | 22.24 | 21.75 |
| 900.0 | 0.36 | 18.64 | 24.53 | 22.59 | 22.52 | 21.97 |
| 925.0 | 0.37 | 18.61 | 24.91 | 23.11 | 22.68 | 22.15 |
| 950.0 | 0.37 | 18.58 | 25.02 | 23.40 | 23.06 | 22.31 |
| 975.0 | 0.38 | 18.56 | 25.23 | 23.48 | 23.29 | 22.44 |
| 1000.0 | 0.38 | 18.53 | 25.86 | 24.03 | 23.48 | 22.73 |
| 1025.0 | 0.39 | 18.50 | 26.04 | 24.21 | 23.64 | 23.02 |
| 1050.0 | 0.39 | 18.47 | 26.29 | 24.24 | 23.82 | 23.07 |
| 1075.0 | 0.40 | 18.44 | 26.67 | 24.73 | 24.13 | 23.13 |
| 1100.0 | 0.41 | 18.42 | 27.49 | 25.01 | 24.10 | 23.40 |
| 1150.0 | 0.42 | 18.37 | 27.78 | 25.10 | 24.07 | 23.48 |
| 1200.0 | 0.43 | 18.31 | 28.80 | 25.23 | 24.23 | 23.79 |
| 1250.0 | 0.45 | 18.27 | 29.66 | 25.47 | 24.30 | 23.58 |
| 1300.0 | 0.46 | 18.23 | 30.98 | 25.09 | 23.78 | 23.61 |
| 1350.0 | 0.48 | 18.19 | 32.64 | 24.80 | 24.02 | 23.31 |
| 1400.0 | 0.50 | 18.15 | 34.14 | 24.57 | 23.07 | 22.66 |
| 1450.0 | 0.51 | 18.12 | 36.73 | 24.31 | 23.19 | 22.59 |
| 1500.0 | 0.53 | 18.09 | 39.09 | 23.97 | 22.61 | 21.52 |
| 1550.0 | 0.55 | 18.06 | 44.38 | 23.61 | 22.11 | 21.33 |
| 1600.0 | 0.56 | 18.04 | 46.64 | 23.15 | 21.94 | 20.48 |
| 1625.0 | 0.57 | 18.02 | 43.66 | 23.40 | 21.67 | 20.36 |
| 1650.0 | 0.58 | 18.01 | 41.88 | 23.07 | 21.32 | 19.80 |
| 1675.0 | 0.58 | 17.99 | 38.60 | 22.85 | 21.48 | 19.50 |
| 1700.0 | 0.58 | 17.98 | 35.88 | 23.18 | 21.27 | 19.43 |
| 1725.0 | 0.60 | 17.97 | 33.83 | 22.99 | 20.91 | 18.89 |
| 1750.0 | 0.60 | 17.97 | 33.35 | 22.70 | 20.80 | 18.46 |
| 1775.0 | 0.61 | 17.96 | 31.33 | 22.84 | 20.90 | 18.48 |
| 1800.0 | 0.63 | 17.96 | 29.68 | 22.92 | 20.69 | 18.20 |
| 1825.0 | 0.64 | 17.97 | 28.68 | 22.66 | 20.58 | 17.64 |
| 1850.0 | 0.64 | 17.97 | 28.20 | 22.74 | 20.52 | 17.50 |
| 1875.0 | 0.65 | 17.97 | 26.99 | 23.16 | 20.31 | 17.38 |
| 1900.0 | 0.67 | 17.97 | 25.97 | 22.85 | 20.31 | 16.89 |
| 1925.0 | 0.67 | 17.97 | 25.38 | 22.81 | 20.28 | 16.63 |
| 1950.0 | 0.68 | 17.97 | 24.55 | 23.32 | 20.13 | 16.57 |
| 1975.0 | 0.70 | 17.98 | 23.59 | 23.25 | 20.14 | 16.20 |
| 2000.0 | 0.70 | 17.98 | 22.69 | 23.35 | 20.36 | 15.85 |

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