

Typical Performance Data

| RF FREQ (MHz) | INSERTION LOSS (dB) | | RF FREQ (MHz) | ISOLATION (dB) | | | |
|------------------|---------------------|------------|------------------|----------------|------------|-----------------------|------------------------|
| | VDD=+3.4V | | | VDD=+3.4V | | VDD=+3.4V | |
| | RF COM-RF1 | RF COM-RF2 | | RF COM-RF1 | RF COM-RF2 | RF1-RF2 State LOW* | RF1-RF2 State HIGH* |
| 10 | 0.18 | 0.17 | 10 | 74.33 | 74.48 | 75.35 | 76.30 |
| 30 | 0.18 | 0.18 | 30 | 65.90 | 65.73 | 67.70 | 68.13 |
| 50 | 0.18 | 0.18 | 50 | 61.36 | 61.53 | 63.42 | 63.96 |
| 70 | 0.18 | 0.18 | 70 | 58.57 | 58.45 | 60.43 | 61.07 |
| 100 | 0.19 | 0.18 | 100 | 55.45 | 55.43 | 57.42 | 58.13 |
| 200 | 0.20 | 0.19 | 200 | 49.42 | 49.30 | 51.52 | 52.18 |
| 400 | 0.21 | 0.21 | 400 | 43.30 | 43.24 | 45.59 | 46.23 |
| 600 | 0.24 | 0.23 | 600 | 39.77 | 39.60 | 42.06 | 42.76 |
| 800 | 0.25 | 0.25 | 800 | 37.13 | 37.06 | 39.51 | 40.22 |
| 1000 | 0.29 | 0.27 | 1000 | 35.07 | 35.03 | 37.51 | 38.21 |
| 1300 | 0.35 | 0.33 | 1300 | 32.54 | 32.55 | 35.01 | 35.68 |
| 1400 | 0.36 | 0.36 | 1400 | 31.80 | 31.83 | 34.23 | 34.90 |
| 1500 | 0.39 | 0.39 | 1500 | 31.08 | 31.14 | 33.51 | 34.16 |
| 1600 | 0.41 | 0.41 | 1600 | 30.40 | 30.45 | 32.78 | 33.41 |
| 1700 | 0.42 | 0.42 | 1700 | 29.74 | 29.81 | 32.08 | 32.69 |
| 1800 | 0.44 | 0.43 | 1800 | 29.10 | 29.15 | 31.37 | 31.96 |
| 1900 | 0.45 | 0.44 | 1900 | 28.45 | 28.51 | 30.65 | 31.24 |
| 2000 | 0.44 | 0.44 | 2000 | 27.81 | 27.89 | 29.94 | 30.53 |
| 2100 | 0.44 | 0.43 | 2100 | 27.15 | 27.29 | 29.25 | 29.86 |
| 2200 | 0.43 | 0.42 | 2200 | 26.51 | 26.67 | 28.60 | 29.20 |
| 2300 | 0.42 | 0.42 | 2300 | 25.86 | 26.10 | 27.95 | 28.58 |
| 2400 | 0.43 | 0.42 | 2400 | 25.23 | 25.56 | 27.32 | 27.99 |
| 2500 | 0.44 | 0.44 | 2500 | 24.64 | 24.99 | 26.72 | 27.42 |
| 2600 | 0.47 | 0.48 | 2600 | 24.04 | 24.47 | 26.16 | 26.88 |
| 2700 | 0.54 | 0.54 | 2700 | 23.52 | 24.00 | 25.65 | 26.45 |
| 2800 | 0.62 | 0.64 | 2800 | 23.03 | 23.55 | 25.14 | 25.95 |
| 2900 | 0.73 | 0.75 | 2900 | 22.59 | 23.12 | 24.64 | 25.51 |
| 3000 | 0.89 | 0.89 | 3000 | 22.16 | 22.79 | 24.20 | 25.06 |
| 3100 | 1.06 | 1.07 | 3100 | 21.81 | 22.39 | 23.80 | 24.70 |
| 3200 | 1.23 | 1.26 | 3200 | 21.50 | 22.05 | 23.43 | 24.35 |
| 3300 | 1.43 | 1.47 | 3300 | 21.19 | 21.75 | 23.05 | 23.98 |
| 3400 | 1.65 | 1.69 | 3400 | 20.88 | 21.44 | 22.71 | 23.63 |
| 3500 | 1.87 | 1.92 | 3500 | 20.61 | 21.16 | 22.39 | 23.33 |
| 3600 | 2.08 | 2.13 | 3600 | 20.38 | 20.90 | 22.18 | 23.07 |
| 3700 | 2.29 | 2.35 | 3700 | 20.10 | 20.63 | 21.86 | 22.78 |
| 3800 | 2.50 | 2.56 | 3800 | 19.86 | 20.38 | 21.60 | 22.48 |
| 3900 | 2.70 | 2.76 | 3900 | 19.68 | 20.18 | 21.43 | 22.22 |
| 4000 | 2.91 | 2.95 | 4000 | 19.51 | 20.00 | 21.21 | 21.94 |

*Note:

| | |
|---------------------------------|---------------|
| State of Control Voltage | |
| LOW | RF COM-RF2 ON |
| HIGH | RF COM-RF1 ON |
| ON - Low insertion loss state | |
| OFF - Isolation state | |

Typical Performance Data

| RF FREQ (MHz) | VSWR (:1) | | | | RF FREQ (MHz) | VSWR (:1) | |
|------------------|------------|-------------|-------------|------------|------------------|------------|-------------|
| | VDD=+3.4V | | | | | VDD=+3.4V | |
| | RF COM | | RF1 | RF2 | | RF1 | RF2 |
| | State LOW* | State HIGH* | State HIGH* | State LOW* | | State LOW* | State HIGH* |
| 10 | 1.04 | 1.04 | 1.04 | 1.03 | 10 | 2.52 | 2.64 |
| 30 | 1.04 | 1.04 | 1.04 | 1.03 | 30 | 2.52 | 2.63 |
| 50 | 1.04 | 1.04 | 1.04 | 1.04 | 50 | 2.51 | 2.63 |
| 70 | 1.04 | 1.04 | 1.04 | 1.04 | 70 | 2.51 | 2.63 |
| 100 | 1.04 | 1.04 | 1.04 | 1.04 | 100 | 2.50 | 2.62 |
| 200 | 1.05 | 1.05 | 1.04 | 1.04 | 200 | 2.49 | 2.61 |
| 400 | 1.05 | 1.06 | 1.03 | 1.03 | 400 | 2.46 | 2.57 |
| 600 | 1.06 | 1.07 | 1.01 | 1.01 | 600 | 2.45 | 2.56 |
| 800 | 1.08 | 1.09 | 1.02 | 1.02 | 800 | 2.45 | 2.56 |
| 1000 | 1.12 | 1.13 | 1.07 | 1.06 | 1000 | 2.49 | 2.60 |
| 1300 | 1.21 | 1.21 | 1.17 | 1.16 | 1300 | 2.62 | 2.72 |
| 1400 | 1.25 | 1.25 | 1.20 | 1.19 | 1400 | 2.69 | 2.79 |
| 1500 | 1.28 | 1.28 | 1.23 | 1.23 | 1500 | 2.77 | 2.87 |
| 1600 | 1.31 | 1.31 | 1.25 | 1.26 | 1600 | 2.85 | 2.95 |
| 1700 | 1.33 | 1.32 | 1.27 | 1.28 | 1700 | 2.94 | 3.05 |
| 1800 | 1.33 | 1.33 | 1.28 | 1.28 | 1800 | 3.03 | 3.15 |
| 1900 | 1.33 | 1.33 | 1.28 | 1.28 | 1900 | 3.13 | 3.25 |
| 2000 | 1.30 | 1.31 | 1.26 | 1.27 | 2000 | 3.22 | 3.36 |
| 2100 | 1.27 | 1.28 | 1.23 | 1.24 | 2100 | 3.31 | 3.46 |
| 2200 | 1.24 | 1.24 | 1.20 | 1.20 | 2200 | 3.40 | 3.56 |
| 2300 | 1.21 | 1.21 | 1.16 | 1.17 | 2300 | 3.48 | 3.66 |
| 2400 | 1.20 | 1.18 | 1.14 | 1.16 | 2400 | 3.55 | 3.76 |
| 2500 | 1.21 | 1.18 | 1.16 | 1.18 | 2500 | 3.62 | 3.83 |
| 2600 | 1.27 | 1.23 | 1.22 | 1.24 | 2600 | 3.67 | 3.89 |
| 2700 | 1.36 | 1.32 | 1.32 | 1.34 | 2700 | 3.70 | 3.93 |
| 2800 | 1.46 | 1.43 | 1.44 | 1.46 | 2800 | 3.71 | 3.95 |
| 2900 | 1.58 | 1.56 | 1.58 | 1.58 | 2900 | 3.69 | 3.95 |
| 3000 | 1.74 | 1.72 | 1.74 | 1.75 | 3000 | 3.65 | 3.95 |
| 3100 | 1.92 | 1.90 | 1.91 | 1.94 | 3100 | 3.60 | 3.92 |
| 3200 | 2.09 | 2.07 | 2.09 | 2.12 | 3200 | 3.54 | 3.87 |
| 3300 | 2.28 | 2.25 | 2.28 | 2.32 | 3300 | 3.45 | 3.81 |
| 3400 | 2.48 | 2.44 | 2.47 | 2.53 | 3400 | 3.34 | 3.72 |
| 3500 | 2.68 | 2.63 | 2.66 | 2.72 | 3500 | 3.22 | 3.60 |
| 3600 | 2.86 | 2.81 | 2.85 | 2.90 | 3600 | 3.11 | 3.50 |
| 3700 | 3.02 | 2.97 | 3.02 | 3.08 | 3700 | 2.97 | 3.38 |
| 3800 | 3.17 | 3.12 | 3.18 | 3.24 | 3800 | 2.84 | 3.26 |
| 3900 | 3.32 | 3.28 | 3.35 | 3.38 | 3900 | 2.73 | 3.15 |
| 4000 | 3.43 | 3.40 | 3.50 | 3.52 | 4000 | 2.62 | 3.03 |

*Note:

| | |
|-------------------------------|---------------|
| State of Control Voltage | |
| LOW | RF COM-RF2 ON |
| HIGH | RF COM-RF1 ON |
| ON - Low insertion loss state | |
| OFF - Isolation state | |

Typical Performance Data

| RF FREQ (MHz) | INSERTION LOSS (dB) @ VDD=+3.4V OVER TEMPERATURE | | | | | | RF FREQ (MHz) | ISOLATION (dB) @ VDD=+3.4V OVER TEMPERATURE | | | | | | | | | | | |
|------------------|--|-------|-------|------------|-------|-------|------------------|---|-------|-------|------------|-------|-------|-----------------------|-------|-------|------------------------|-------|-------|
| | RF COM-RF1 | | | RF COM-RF2 | | | | RF COM-RF1 | | | RF COM-RF2 | | | RF1-RF2 State LOW* | | | RF1-RF2 State HIGH* | | |
| | -45°C | +25°C | +85°C | -45°C | +25°C | +85°C | | -45°C | +25°C | +85°C | -45°C | +25°C | +85°C | -45°C | +25°C | +85°C | -45°C | +25°C | +85°C |
| 10 | 0.14 | 0.18 | 0.21 | 0.14 | 0.18 | 0.21 | 10 | 75.37 | 74.33 | 72.55 | 75.76 | 74.48 | 73.41 | 75.37 | 75.35 | 74.03 | 77.04 | 76.30 | 74.94 |
| 30 | 0.14 | 0.18 | 0.21 | 0.14 | 0.18 | 0.21 | 30 | 66.97 | 65.90 | 64.76 | 66.90 | 65.73 | 64.96 | 66.97 | 67.70 | 66.54 | 69.80 | 68.13 | 67.12 |
| 50 | 0.14 | 0.18 | 0.21 | 0.14 | 0.18 | 0.21 | 50 | 62.49 | 61.36 | 60.54 | 62.53 | 61.53 | 60.68 | 62.49 | 63.42 | 62.29 | 65.25 | 63.96 | 62.93 |
| 70 | 0.14 | 0.18 | 0.22 | 0.14 | 0.18 | 0.22 | 70 | 59.61 | 58.57 | 57.77 | 59.63 | 58.45 | 57.66 | 59.61 | 60.43 | 59.49 | 62.44 | 61.07 | 60.09 |
| 100 | 0.14 | 0.19 | 0.22 | 0.14 | 0.19 | 0.22 | 100 | 56.49 | 55.45 | 54.63 | 56.41 | 55.43 | 54.65 | 56.49 | 57.42 | 56.36 | 59.49 | 58.13 | 57.04 |
| 200 | 0.13 | 0.20 | 0.24 | 0.13 | 0.20 | 0.24 | 200 | 50.40 | 49.42 | 48.56 | 50.35 | 49.30 | 48.58 | 50.40 | 51.52 | 50.41 | 53.61 | 52.18 | 51.04 |
| 400 | 0.12 | 0.21 | 0.27 | 0.12 | 0.21 | 0.27 | 400 | 44.29 | 43.30 | 42.58 | 44.26 | 43.24 | 42.50 | 44.29 | 45.59 | 44.53 | 47.47 | 46.23 | 45.19 |
| 600 | 0.11 | 0.24 | 0.31 | 0.11 | 0.24 | 0.31 | 600 | 40.62 | 39.77 | 39.02 | 40.59 | 39.60 | 38.93 | 40.62 | 42.06 | 41.12 | 43.86 | 42.76 | 41.76 |
| 800 | 0.10 | 0.25 | 0.34 | 0.10 | 0.25 | 0.34 | 800 | 37.94 | 37.13 | 36.44 | 37.92 | 37.06 | 36.43 | 37.94 | 39.51 | 38.70 | 41.20 | 40.22 | 39.35 |
| 1000 | 0.10 | 0.29 | 0.38 | 0.10 | 0.29 | 0.38 | 1000 | 35.79 | 35.07 | 34.44 | 35.78 | 35.03 | 34.43 | 35.79 | 37.51 | 36.76 | 39.08 | 38.21 | 37.44 |
| 1300 | 0.12 | 0.35 | 0.46 | 0.12 | 0.35 | 0.46 | 1300 | 33.17 | 32.54 | 31.98 | 33.16 | 32.55 | 31.99 | 33.17 | 35.01 | 34.36 | 36.36 | 35.68 | 35.02 |
| 1400 | 0.12 | 0.36 | 0.49 | 0.12 | 0.36 | 0.49 | 1400 | 32.39 | 31.80 | 31.24 | 32.39 | 31.83 | 31.30 | 32.39 | 34.23 | 33.64 | 35.53 | 34.90 | 34.27 |
| 1500 | 0.14 | 0.39 | 0.53 | 0.14 | 0.39 | 0.53 | 1500 | 31.65 | 31.08 | 30.53 | 31.64 | 31.14 | 30.62 | 31.65 | 33.51 | 32.91 | 34.77 | 34.16 | 33.54 |
| 1600 | 0.15 | 0.41 | 0.56 | 0.15 | 0.41 | 0.56 | 1600 | 30.92 | 30.40 | 29.88 | 30.91 | 30.45 | 29.95 | 30.92 | 32.78 | 32.20 | 33.97 | 33.41 | 32.81 |
| 1700 | 0.15 | 0.42 | 0.58 | 0.15 | 0.42 | 0.58 | 1700 | 30.22 | 29.74 | 29.22 | 30.21 | 29.81 | 29.31 | 30.22 | 32.08 | 31.52 | 33.18 | 32.69 | 32.12 |
| 1800 | 0.15 | 0.44 | 0.59 | 0.15 | 0.44 | 0.59 | 1800 | 29.57 | 29.10 | 28.59 | 29.57 | 29.15 | 28.67 | 29.57 | 31.37 | 30.80 | 32.42 | 31.96 | 31.39 |
| 1900 | 0.15 | 0.45 | 0.60 | 0.15 | 0.45 | 0.60 | 1900 | 28.89 | 28.45 | 27.98 | 28.88 | 28.51 | 28.03 | 28.89 | 30.65 | 30.12 | 31.68 | 31.24 | 30.67 |
| 2000 | 0.14 | 0.44 | 0.60 | 0.14 | 0.44 | 0.60 | 2000 | 28.23 | 27.81 | 27.33 | 28.22 | 27.89 | 27.41 | 28.23 | 29.94 | 29.43 | 30.95 | 30.53 | 29.99 |
| 2100 | 0.14 | 0.44 | 0.60 | 0.14 | 0.44 | 0.60 | 2100 | 27.55 | 27.15 | 26.67 | 27.55 | 27.29 | 26.83 | 27.55 | 29.25 | 28.75 | 30.26 | 29.86 | 29.35 |
| 2200 | 0.12 | 0.43 | 0.59 | 0.12 | 0.43 | 0.59 | 2200 | 26.87 | 26.51 | 26.05 | 26.86 | 26.67 | 26.23 | 26.87 | 28.60 | 28.10 | 29.62 | 29.20 | 28.69 |
| 2300 | 0.11 | 0.42 | 0.58 | 0.11 | 0.42 | 0.58 | 2300 | 26.21 | 25.86 | 25.41 | 26.20 | 26.10 | 25.66 | 26.21 | 27.95 | 27.48 | 28.97 | 28.58 | 28.09 |
| 2400 | 0.12 | 0.43 | 0.60 | 0.12 | 0.43 | 0.60 | 2400 | 25.57 | 25.23 | 24.80 | 25.56 | 25.56 | 25.12 | 25.57 | 27.32 | 26.87 | 28.37 | 27.99 | 27.51 |
| 2500 | 0.12 | 0.44 | 0.61 | 0.12 | 0.44 | 0.61 | 2500 | 24.92 | 24.64 | 24.22 | 24.91 | 24.99 | 24.58 | 24.92 | 26.72 | 26.32 | 27.77 | 27.42 | 26.99 |
| 2600 | 0.14 | 0.47 | 0.66 | 0.14 | 0.47 | 0.66 | 2600 | 24.32 | 24.04 | 23.68 | 24.31 | 24.47 | 24.10 | 24.32 | 26.16 | 25.78 | 27.17 | 26.88 | 26.48 |
| 2700 | 0.19 | 0.54 | 0.74 | 0.19 | 0.54 | 0.74 | 2700 | 23.69 | 23.52 | 23.18 | 23.69 | 24.00 | 23.65 | 23.69 | 25.65 | 25.31 | 26.70 | 26.45 | 26.08 |
| 2800 | 0.25 | 0.62 | 0.84 | 0.25 | 0.62 | 0.84 | 2800 | 23.17 | 23.03 | 22.75 | 23.16 | 23.55 | 23.24 | 23.17 | 25.14 | 24.86 | 26.18 | 25.95 | 25.63 |
| 2900 | 0.32 | 0.73 | 0.97 | 0.32 | 0.73 | 0.97 | 2900 | 22.66 | 22.59 | 22.36 | 22.65 | 23.12 | 22.87 | 22.66 | 24.64 | 24.43 | 25.65 | 25.51 | 25.24 |
| 3000 | 0.44 | 0.89 | 1.15 | 0.44 | 0.89 | 1.15 | 3000 | 22.22 | 22.16 | 21.99 | 22.23 | 22.79 | 22.54 | 22.22 | 24.20 | 24.05 | 25.10 | 25.06 | 24.87 |
| 3100 | 0.59 | 1.06 | 1.33 | 0.59 | 1.06 | 1.33 | 3100 | 21.79 | 21.81 | 21.70 | 21.78 | 22.39 | 22.23 | 21.79 | 23.80 | 23.69 | 24.68 | 24.70 | 24.52 |
| 3200 | 0.75 | 1.23 | 1.53 | 0.75 | 1.23 | 1.53 | 3200 | 21.39 | 21.50 | 21.44 | 21.39 | 22.05 | 21.96 | 21.39 | 23.43 | 23.38 | 24.26 | 24.35 | 24.22 |
| 3300 | 0.92 | 1.43 | 1.75 | 0.92 | 1.43 | 1.75 | 3300 | 20.98 | 21.19 | 21.15 | 20.98 | 21.75 | 21.71 | 20.98 | 23.05 | 23.08 | 23.86 | 23.98 | 23.93 |
| 3400 | 1.13 | 1.65 | 1.96 | 1.13 | 1.65 | 1.96 | 3400 | 20.64 | 20.88 | 20.94 | 20.65 | 21.44 | 21.43 | 20.64 | 22.71 | 22.80 | 23.46 | 23.63 | 23.64 |
| 3500 | 1.33 | 1.87 | 2.17 | 1.33 | 1.87 | 2.17 | 3500 | 20.29 | 20.61 | 20.72 | 20.29 | 21.16 | 21.17 | 20.29 | 22.39 | 22.55 | 23.09 | 23.33 | 23.39 |
| 3600 | 1.54 | 2.08 | 2.39 | 1.54 | 2.08 | 2.39 | 3600 | 19.95 | 20.38 | 20.47 | 19.95 | 20.90 | 20.95 | 19.95 | 22.18 | 22.26 | 22.80 | 23.07 | 23.12 |
| 3700 | 1.76 | 2.29 | 2.59 | 1.76 | 2.29 | 2.59 | 3700 | 19.66 | 20.10 | 20.28 | 19.66 | 20.63 | 20.73 | 19.66 | 21.86 | 22.03 | 22.49 | 22.78 | 22.87 |
| 3800 | 1.95 | 2.50 | 2.80 | 1.95 | 2.50 | 2.80 | 3800 | 19.35 | 19.86 | 20.07 | 19.35 | 20.38 | 20.51 | 19.35 | 21.60 | 21.83 | 22.12 | 22.48 | 22.62 |
| 3900 | 2.17 | 2.70 | 2.99 | 2.17 | 2.70 | 2.99 | 3900 | 19.08 | 19.68 | 19.89 | 19.08 | 20.18 | 20.35 | 19.08 | 21.43 | 21.64 | 21.84 | 22.22 | 22.36 |
| 4000 | 2.40 | 2.91 | 3.18 | 2.40 | 2.91 | 3.18 | 4000 | 18.89 | 19.51 | 19.73 | 18.90 | 20.00 | 20.16 | 18.89 | 21.21 | 21.44 | 21.54 | 21.94 | 22.09 |

*Note:

| State of Control Voltage | |
|-------------------------------|---------------|
| LOW | RF COM-RF2 ON |
| HIGH | RF COM-RF1 ON |
| ON - Low insertion loss state | |
| OFF - Isolation state | |



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The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

Typical Performance Data

| RF FREQ (MHz) | VSWR (-1) @ VDD=+3.4V OVER TEMPERATURE | | | | | | | | | | | RF FREQ (MHz) | VSWR (-1) @ VDD=+3.4V OVER TEMPERATURE | | | | | | |
|------------------|--|-------|-------|-------------|-------|-------|-------|-------|-------|-------|-------|------------------|--|-------|-------|-------|-------|-------|-------|
| | VDD=+3.4V | | | | | | RF1 | | | RF2 | | | RF1 | | | RF2 | | | |
| | State LOW* | | | State HIGH* | | | ON | | | ON | | | OFF | | | OFF | | | |
| | -45°C | +25°C | +85°C | -45°C | +25°C | +85°C | -45°C | +25°C | +85°C | -45°C | +25°C | | +85°C | -45°C | +25°C | +85°C | -45°C | +25°C | +85°C |
| 10 | 1.03 | 1.04 | 1.05 | 1.03 | 1.04 | 1.05 | 1.03 | 1.04 | 1.04 | 1.03 | 1.03 | 1.04 | 10 | 3.02 | 2.52 | 2.16 | 3.14 | 2.64 | 2.27 |
| 30 | 1.03 | 1.04 | 1.05 | 1.03 | 1.04 | 1.05 | 1.03 | 1.04 | 1.04 | 1.03 | 1.03 | 1.04 | 30 | 3.01 | 2.52 | 2.15 | 3.13 | 2.63 | 2.26 |
| 50 | 1.03 | 1.04 | 1.05 | 1.03 | 1.04 | 1.05 | 1.03 | 1.04 | 1.04 | 1.03 | 1.04 | 1.04 | 50 | 3.01 | 2.51 | 2.15 | 3.13 | 2.63 | 2.26 |
| 70 | 1.03 | 1.04 | 1.05 | 1.03 | 1.04 | 1.05 | 1.03 | 1.04 | 1.04 | 1.03 | 1.04 | 1.04 | 70 | 3.00 | 2.51 | 2.16 | 3.12 | 2.63 | 2.27 |
| 100 | 1.03 | 1.04 | 1.05 | 1.03 | 1.04 | 1.05 | 1.03 | 1.04 | 1.04 | 1.03 | 1.04 | 1.04 | 100 | 2.99 | 2.50 | 2.16 | 3.11 | 2.62 | 2.27 |
| 200 | 1.04 | 1.05 | 1.06 | 1.04 | 1.05 | 1.06 | 1.03 | 1.04 | 1.05 | 1.03 | 1.04 | 1.05 | 200 | 2.98 | 2.49 | 2.14 | 3.10 | 2.61 | 2.26 |
| 400 | 1.05 | 1.05 | 1.07 | 1.05 | 1.06 | 1.08 | 1.03 | 1.03 | 1.05 | 1.03 | 1.03 | 1.05 | 400 | 2.98 | 2.46 | 2.11 | 3.09 | 2.57 | 2.21 |
| 600 | 1.07 | 1.06 | 1.08 | 1.07 | 1.07 | 1.08 | 1.03 | 1.01 | 1.04 | 1.02 | 1.01 | 1.05 | 600 | 2.99 | 2.45 | 2.07 | 3.11 | 2.56 | 2.17 |
| 800 | 1.10 | 1.08 | 1.09 | 1.10 | 1.09 | 1.09 | 1.06 | 1.02 | 1.01 | 1.05 | 1.02 | 1.01 | 800 | 3.04 | 2.45 | 2.06 | 3.16 | 2.56 | 2.18 |
| 1000 | 1.13 | 1.12 | 1.13 | 1.13 | 1.13 | 1.13 | 1.09 | 1.07 | 1.06 | 1.07 | 1.06 | 1.05 | 1000 | 3.11 | 2.49 | 2.09 | 3.23 | 2.60 | 2.18 |
| 1300 | 1.20 | 1.21 | 1.23 | 1.20 | 1.21 | 1.24 | 1.17 | 1.17 | 1.18 | 1.15 | 1.16 | 1.17 | 1300 | 3.32 | 2.62 | 2.21 | 3.40 | 2.72 | 2.29 |
| 1400 | 1.22 | 1.25 | 1.28 | 1.22 | 1.25 | 1.28 | 1.18 | 1.20 | 1.22 | 1.18 | 1.19 | 1.22 | 1400 | 3.40 | 2.69 | 2.27 | 3.50 | 2.79 | 2.36 |
| 1500 | 1.25 | 1.28 | 1.32 | 1.25 | 1.28 | 1.31 | 1.21 | 1.23 | 1.25 | 1.21 | 1.23 | 1.26 | 1500 | 3.49 | 2.77 | 2.33 | 3.60 | 2.87 | 2.44 |
| 1600 | 1.26 | 1.31 | 1.35 | 1.26 | 1.31 | 1.35 | 1.23 | 1.25 | 1.29 | 1.23 | 1.26 | 1.29 | 1600 | 3.60 | 2.85 | 2.43 | 3.71 | 2.95 | 2.52 |
| 1700 | 1.27 | 1.33 | 1.37 | 1.27 | 1.32 | 1.37 | 1.24 | 1.27 | 1.31 | 1.24 | 1.28 | 1.32 | 1700 | 3.70 | 2.94 | 2.51 | 3.82 | 3.05 | 2.61 |
| 1800 | 1.27 | 1.33 | 1.38 | 1.27 | 1.33 | 1.37 | 1.24 | 1.28 | 1.31 | 1.24 | 1.28 | 1.32 | 1800 | 3.81 | 3.03 | 2.59 | 3.92 | 3.15 | 2.70 |
| 1900 | 1.27 | 1.33 | 1.37 | 1.27 | 1.33 | 1.37 | 1.24 | 1.28 | 1.32 | 1.24 | 1.28 | 1.32 | 1900 | 3.92 | 3.13 | 2.69 | 4.05 | 3.25 | 2.79 |
| 2000 | 1.25 | 1.30 | 1.35 | 1.25 | 1.31 | 1.35 | 1.22 | 1.26 | 1.29 | 1.23 | 1.27 | 1.30 | 2000 | 4.02 | 3.22 | 2.78 | 4.17 | 3.36 | 2.90 |
| 2100 | 1.23 | 1.27 | 1.31 | 1.23 | 1.28 | 1.32 | 1.20 | 1.23 | 1.26 | 1.22 | 1.24 | 1.27 | 2100 | 4.13 | 3.31 | 2.85 | 4.30 | 3.46 | 3.00 |
| 2200 | 1.21 | 1.24 | 1.27 | 1.21 | 1.24 | 1.27 | 1.18 | 1.20 | 1.22 | 1.20 | 1.20 | 1.22 | 2200 | 4.25 | 3.40 | 2.94 | 4.43 | 3.56 | 3.09 |
| 2300 | 1.19 | 1.21 | 1.23 | 1.19 | 1.21 | 1.23 | 1.16 | 1.16 | 1.17 | 1.18 | 1.17 | 1.18 | 2300 | 4.31 | 3.48 | 3.02 | 4.51 | 3.66 | 3.19 |
| 2400 | 1.19 | 1.20 | 1.20 | 1.19 | 1.18 | 1.18 | 1.16 | 1.14 | 1.13 | 1.18 | 1.16 | 1.15 | 2400 | 4.39 | 3.55 | 3.07 | 4.62 | 3.76 | 3.26 |
| 2500 | 1.21 | 1.21 | 1.20 | 1.21 | 1.18 | 1.18 | 1.20 | 1.16 | 1.14 | 1.21 | 1.18 | 1.16 | 2500 | 4.50 | 3.62 | 3.13 | 4.72 | 3.83 | 3.32 |
| 2600 | 1.26 | 1.27 | 1.26 | 1.26 | 1.23 | 1.23 | 1.26 | 1.22 | 1.21 | 1.27 | 1.24 | 1.23 | 2600 | 4.51 | 3.67 | 3.18 | 4.77 | 3.89 | 3.38 |
| 2700 | 1.34 | 1.36 | 1.35 | 1.34 | 1.32 | 1.31 | 1.34 | 1.32 | 1.31 | 1.36 | 1.34 | 1.34 | 2700 | 4.55 | 3.70 | 3.19 | 4.85 | 3.93 | 3.41 |
| 2800 | 1.44 | 1.46 | 1.46 | 1.44 | 1.43 | 1.43 | 1.45 | 1.44 | 1.43 | 1.48 | 1.46 | 1.46 | 2800 | 4.59 | 3.71 | 3.21 | 4.88 | 3.95 | 3.42 |
| 2900 | 1.55 | 1.58 | 1.60 | 1.55 | 1.56 | 1.58 | 1.57 | 1.58 | 1.59 | 1.59 | 1.58 | 1.60 | 2900 | 4.53 | 3.69 | 3.21 | 4.85 | 3.95 | 3.43 |
| 3000 | 1.69 | 1.74 | 1.76 | 1.69 | 1.72 | 1.74 | 1.71 | 1.74 | 1.76 | 1.73 | 1.75 | 1.77 | 3000 | 4.51 | 3.65 | 3.16 | 4.86 | 3.95 | 3.41 |
| 3100 | 1.88 | 1.92 | 1.93 | 1.88 | 1.90 | 1.91 | 1.90 | 1.91 | 1.92 | 1.92 | 1.94 | 1.95 | 3100 | 4.49 | 3.60 | 3.11 | 4.86 | 3.92 | 3.37 |
| 3200 | 2.06 | 2.09 | 2.11 | 2.06 | 2.07 | 2.09 | 2.08 | 2.09 | 2.11 | 2.11 | 2.12 | 2.13 | 3200 | 4.38 | 3.54 | 3.08 | 4.79 | 3.87 | 3.34 |
| 3300 | 2.23 | 2.28 | 2.30 | 2.23 | 2.25 | 2.28 | 2.27 | 2.28 | 2.30 | 2.30 | 2.32 | 2.34 | 3300 | 4.28 | 3.45 | 2.99 | 4.74 | 3.81 | 3.28 |
| 3400 | 2.43 | 2.48 | 2.49 | 2.43 | 2.44 | 2.45 | 2.49 | 2.47 | 2.46 | 2.54 | 2.53 | 2.51 | 3400 | 4.14 | 3.34 | 2.89 | 4.66 | 3.72 | 3.18 |
| 3500 | 2.64 | 2.68 | 2.65 | 2.64 | 2.63 | 2.61 | 2.69 | 2.66 | 2.64 | 2.76 | 2.72 | 2.68 | 3500 | 3.95 | 3.22 | 2.81 | 4.50 | 3.60 | 3.09 |
| 3600 | 2.85 | 2.86 | 2.82 | 2.85 | 2.81 | 2.78 | 2.91 | 2.85 | 2.81 | 2.97 | 2.90 | 2.86 | 3600 | 3.80 | 3.11 | 2.71 | 4.41 | 3.50 | 3.00 |
| 3700 | 3.04 | 3.02 | 2.97 | 3.04 | 2.97 | 2.91 | 3.14 | 3.02 | 2.94 | 3.20 | 3.08 | 3.00 | 3700 | 3.60 | 2.97 | 2.60 | 4.29 | 3.38 | 2.88 |
| 3800 | 3.22 | 3.17 | 3.08 | 3.22 | 3.12 | 3.04 | 3.32 | 3.18 | 3.08 | 3.39 | 3.24 | 3.12 | 3800 | 3.36 | 2.84 | 2.51 | 4.11 | 3.26 | 2.79 |
| 3900 | 3.45 | 3.32 | 3.19 | 3.45 | 3.28 | 3.15 | 3.55 | 3.35 | 3.22 | 3.60 | 3.38 | 3.24 | 3900 | 3.22 | 2.73 | 2.43 | 4.01 | 3.15 | 2.70 |
| 4000 | 3.66 | 3.43 | 3.27 | 3.65 | 3.40 | 3.24 | 3.79 | 3.50 | 3.31 | 3.82 | 3.52 | 3.34 | 4000 | 3.03 | 2.62 | 2.34 | 3.85 | 3.03 | 2.60 |

*Note:

| State of Control Voltage | |
|-------------------------------|---------------|
| LOW | RF COM-RF2 ON |
| HIGH | RF COM-RF1 ON |
| ON - Low insertion loss state | |
| OFF - Isolation state | |



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