

return loss Vs. VSWR

table of return loss vs. voltage standing wave ratio

| RETURN LOSS (dB) | VSWR | RETURN LOSS (dB) | VSWR | RETURN LOSS (dB) | VSWR | RETURN LOSS (dB) | VSWR | RETURN LOSS (dB) | VSWR |
|------------------|------|------------------|------|------------------|------|------------------|------|------------------|------|
| 46.064 | 1.01 | 13.842 | 1.51 | 9.485 | 2.01 | 7.327 | 2.51 | 5.999 | 3.01 |
| 40.086 | 1.02 | 13.708 | 1.52 | 9.428 | 2.02 | 7.294 | 2.52 | 5.970 | 3.02 |
| 36.607 | 1.03 | 13.577 | 1.53 | 9.372 | 2.03 | 7.262 | 2.53 | 5.956 | 3.03 |
| 34.151 | 1.04 | 13.449 | 1.54 | 9.317 | 2.04 | 7.230 | 2.54 | 5.935 | 3.04 |
| 32.256 | 1.05 | 13.324 | 1.55 | 9.262 | 2.05 | 7.198 | 2.55 | 5.914 | 3.05 |
| 30.714 | 1.06 | 13.201 | 1.56 | 9.208 | 2.06 | 7.167 | 2.56 | 5.893 | 3.06 |
| 29.417 | 1.07 | 13.081 | 1.57 | 9.155 | 2.07 | 7.135 | 2.57 | 5.872 | 3.07 |
| 28.299 | 1.08 | 12.964 | 1.58 | 9.103 | 2.08 | 7.105 | 2.58 | 5.852 | 3.08 |
| 27.318 | 1.09 | 12.849 | 1.59 | 9.051 | 2.09 | 7.074 | 2.59 | 5.832 | 3.09 |
| 26.444 | 1.10 | 12.736 | 1.60 | 8.999 | 2.10 | 7.044 | 2.60 | 5.811 | 3.10 |
| 25.658 | 1.11 | 12.625 | 1.61 | 8.949 | 2.11 | 7.014 | 2.61 | 5.791 | 3.11 |
| 24.943 | 1.12 | 12.518 | 1.62 | 8.899 | 2.12 | 6.984 | 2.62 | 5.771 | 3.12 |
| 24.289 | 1.13 | 12.412 | 1.63 | 8.849 | 2.13 | 6.954 | 2.63 | 5.751 | 3.13 |
| 23.686 | 1.14 | 12.308 | 1.64 | 8.800 | 2.14 | 6.925 | 2.64 | 5.732 | 3.14 |
| 23.127 | 1.15 | 12.207 | 1.65 | 8.752 | 2.15 | 6.896 | 2.65 | 5.712 | 3.15 |
| 22.607 | 1.16 | 12.107 | 1.66 | 8.705 | 2.16 | 6.867 | 2.66 | 5.693 | 3.16 |
| 22.120 | 1.17 | 12.009 | 1.67 | 8.657 | 2.17 | 6.839 | 2.67 | 5.674 | 3.17 |
| 21.664 | 1.18 | 11.913 | 1.68 | 8.611 | 2.18 | 6.811 | 2.68 | 5.654 | 3.18 |
| 21.234 | 1.19 | 11.818 | 1.69 | 8.565 | 2.19 | 6.783 | 2.69 | 5.635 | 3.19 |
| 20.828 | 1.20 | 11.725 | 1.70 | 8.519 | 2.20 | 6.755 | 2.70 | 5.617 | 3.20 |
| 20.443 | 1.21 | 11.634 | 1.71 | 8.474 | 2.21 | 6.728 | 2.71 | 5.598 | 3.21 |
| 20.079 | 1.22 | 11.545 | 1.72 | 8.430 | 2.22 | 6.700 | 2.72 | 5.579 | 3.22 |
| 19.732 | 1.23 | 11.457 | 1.73 | 8.386 | 2.23 | 6.673 | 2.73 | 5.561 | 3.23 |
| 19.401 | 1.24 | 11.370 | 1.74 | 8.342 | 2.24 | 6.646 | 2.74 | 5.542 | 3.24 |
| 19.085 | 1.25 | 11.285 | 1.75 | 8.299 | 2.25 | 6.620 | 2.75 | 5.524 | 3.25 |
| 18.783 | 1.26 | 11.202 | 1.76 | 8.257 | 2.26 | 6.594 | 2.76 | 5.506 | 3.26 |
| 18.493 | 1.27 | 11.120 | 1.77 | 8.215 | 2.27 | 6.567 | 2.77 | 5.488 | 3.27 |
| 18.216 | 1.28 | 11.039 | 1.78 | 8.173 | 2.28 | 6.541 | 2.78 | 5.470 | 3.28 |
| 17.949 | 1.29 | 10.960 | 1.79 | 8.138 | 2.29 | 6.516 | 2.79 | 5.452 | 3.29 |
| 17.690 | 1.30 | 10.881 | 1.80 | 8.091 | 2.30 | 6.490 | 2.80 | 5.435 | 3.30 |
| 17.445 | 1.31 | 10.804 | 1.81 | 8.051 | 2.31 | 6.465 | 2.81 | 5.417 | 3.31 |
| 17.207 | 1.32 | 10.729 | 1.82 | 8.011 | 2.32 | 6.440 | 2.82 | 5.400 | 3.32 |
| 16.977 | 1.33 | 10.654 | 1.83 | 7.972 | 2.33 | 6.415 | 2.83 | 5.383 | 3.33 |
| 16.755 | 1.34 | 10.581 | 1.84 | 7.933 | 2.34 | 6.390 | 2.84 | 5.365 | 3.34 |
| 16.540 | 1.35 | 10.509 | 1.85 | 7.894 | 2.35 | 6.366 | 2.85 | 5.348 | 3.35 |
| 16.332 | 1.36 | 10.437 | 1.86 | 7.856 | 2.36 | 6.341 | 2.86 | 5.331 | 3.36 |
| 16.131 | 1.37 | 10.367 | 1.87 | 7.818 | 2.37 | 6.317 | 2.87 | 5.315 | 3.37 |
| 15.936 | 1.38 | 10.298 | 1.88 | 7.781 | 2.38 | 6.293 | 2.88 | 5.298 | 3.38 |
| 15.747 | 1.39 | 10.230 | 1.89 | 7.744 | 2.39 | 6.270 | 2.89 | 5.281 | 3.39 |
| 15.563 | 1.40 | 10.163 | 1.90 | 7.707 | 2.40 | 6.246 | 2.90 | 5.265 | 3.40 |
| 15.385 | 1.41 | 10.097 | 1.91 | 7.671 | 2.41 | 6.223 | 2.91 | 5.248 | 3.41 |
| 15.211 | 1.42 | 10.032 | 1.92 | 7.635 | 2.42 | 6.200 | 2.92 | 5.232 | 3.42 |
| 15.043 | 1.43 | 9.968 | 1.93 | 7.599 | 2.43 | 6.177 | 2.93 | 5.216 | 3.43 |
| 14.879 | 1.44 | 9.904 | 1.94 | 7.564 | 2.44 | 6.154 | 2.94 | 5.200 | 3.44 |
| 14.719 | 1.45 | 9.842 | 1.95 | 7.529 | 2.45 | 6.131 | 2.95 | 5.184 | 3.45 |
| 14.564 | 1.46 | 9.780 | 1.96 | 7.494 | 2.46 | 6.109 | 2.96 | 5.168 | 3.46 |
| 14.412 | 1.47 | 9.720 | 1.97 | 7.460 | 2.47 | 6.086 | 2.97 | 5.152 | 3.47 |
| 14.264 | 1.48 | 9.660 | 1.98 | 7.426 | 2.48 | 6.064 | 2.98 | 5.137 | 3.48 |
| 14.120 | 1.49 | 9.601 | 1.99 | 7.393 | 2.49 | 6.042 | 2.99 | 5.121 | 3.49 |
| 13.979 | 1.50 | 9.542 | 2.00 | 7.360 | 2.50 | 6.021 | 3.00 | 5.105 | 3.50 |