

# Moxon Calculator

| Dimension                   | Wavelengths | Feet     | Inches    | Meters   | Millimeters |
|-----------------------------|-------------|----------|-----------|----------|-------------|
| <b>Frequency</b><br>145 MHz | 1.0         | 6.783167 | 81.398    | 2.067534 | 2067.534483 |
| <b>Diameter</b><br>0.5 mm   | 0.000242    | 0.00164  | 0.019685  | 0.0005   | 0.5         |
| <b>A</b>                    | 0.340354    | 2.308678 | 27.704134 | 0.703694 | 703.693618  |
| <b>B</b>                    | 0.050719    | 0.344035 | 4.128421  | 0.104863 | 104.863183  |
| <b>C</b>                    | 0.009342    | 0.063365 | 0.760386  | 0.019314 | 19.314037   |
| <b>D</b>                    | 0.071734    | 0.486581 | 5.838968  | 0.148312 | 148.311611  |
| <b>E</b>                    | 0.131794    | 0.893981 | 10.727776 | 0.272489 | 272.488831  |

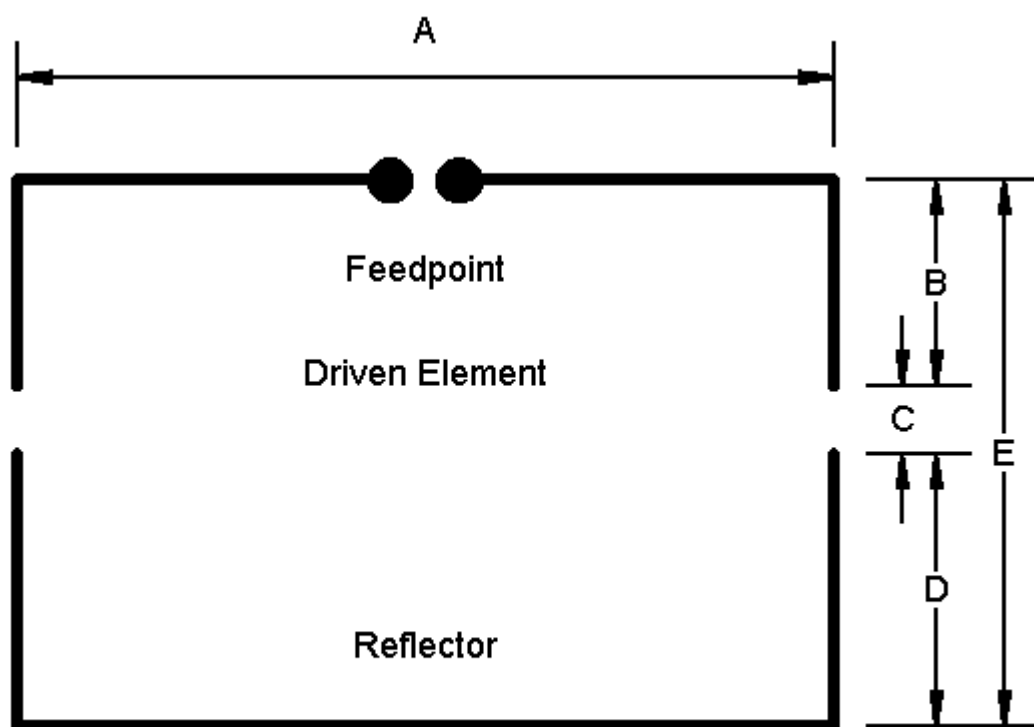


Figure 1

Moxon Rectangle Outlines

John Simpson, [KG4ZOW Download source code for this program](#)

Moxon algorithm and diagram are from <http://www.cebik.com/moxon/moxgen.html>

AWG Conversion algorithm from [Wikipedia](#)