

## Tabela SWR com os comprimentos de fio recomendados

| Wire   | 1.8        | 3.7        | 5.3        | 7.1        | 10.1       | 14.2       | 18.1       | 21.2       | 24.9       | 27.2       | 28.5       | 50.1       |
|--------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Lenght | Mhz        | Mhz        | Mhz        | Mhz        | Mhz        | Mhz        | Mhz        | Mhz        | Mhz        | Mhz        | Mhz        | Mhz        |
| 54m    | 1.2        | 1.6        | 1.1        | 1.1        | 1.1        | 1.8        | 1.3        | 1.6        | 1.7        | 1.5        | 1.2        | 1.5        |
| 53m    | 1.4        | 1.2        | 1.2        | 1.2        | 1.2        | 2.1        | 1.4        | 1.4        | 1.5        | 1.5        | 1.2        | 1.1        |
| 50m    | 1.4        | 1.5        | 1.7        | 1.3        | 1.6        | 1.8        | 1.9        | 1.1        | 1.5        | 1.5        | 1.7        | 1.5        |
| 45m    | 1.7        | 1.5        | 1.4        | 1.4        | 2.4        | 1.5        | 1.3        | 1.2        | 1.4        | 1.5        | 1.5        | 1.5        |
| 41.5m  | 2.0        | 1.4        | 1.3        | 1.8        | 1.6        | 2.0        | 2.0        | 1.7        | 1.5        | 1.3        | 1.6        | 1.3        |
| 38m    | 1.3        | 1.3        | 1.2        | 1.3        | 1.7        | 1.6        | 1.8        | 1.6        | 1.4        | 1.3        | 1.1        | 1.4        |
| 30m    | <u>1.8</u> | <u>1.7</u> | <u>1.4</u> | <u>1.7</u> | <u>2.3</u> | <u>1.9</u> | <u>1.4</u> | <u>1.2</u> | <u>1.7</u> | <u>1.2</u> | <u>1.2</u> | <u>1.2</u> |
| 27m    | 1.8        | 2.2        | 1.7        | 2.3        | 1.9        | 1.3        | 2.0        | 1.8        | 1.4        | 1.4        | 1.5        | 1.5        |
| 22m    | 2.0        | 2.0        | 1.4        | 1.2        | 1.2        | 1.9        | 1.9        | 1.5        | 1.1        | 1.4        | 1.5        | 1.1        |
| 18m    | 1.6        | 1.6        | 1.3        | 1.5        | 2.0        | 1.5        | 2.0        | 1.1        | 1.7        | 1.6        | 1.2        | 1.5        |
| 16.2m  | <u>1.6</u> | <u>1.4</u> | <u>1.2</u> | <u>1.1</u> | <u>1.5</u> | <u>1.1</u> | <u>1.9</u> | <u>1.2</u> | <u>1.1</u> | <u>1.2</u> | <u>1.7</u> | <u>1.1</u> |
| 15m    | 1.5        | 1.3        | 1.4        | 2.4        | 2.4        | 1.3        | 1.6        | 1.6        | 1.4        | 1.3        | 1.7        | 1.5        |
| 13.5m  | 3.0        | 1.2        | 1.5        | 2.1        | 2.1        | 1.7        | 1.3        | 1.7        | 1.6        | 1.3        | 1.1        | 1.2        |
| 11m    | 2.2        | 1.2        | 1.3        | 1.3        | 1.3        | 2.0        | 1.6        | 1.2        | 1.7        | 1.5        | 1.6        | 1.5        |
| 9m     | 3.0        | 1.3        | 1.3        | 1.2        | 1.2        | 2.1        | 2.0        | 1.3        | 1.2        | 1.1        | 1.6        | 1.3        |
| 7.5m   | 3.2        | 1.7        | 1.6        | 1.6        | 1.6        | 1.4        | 2.1        | 1.8        | 1.3        | 1.2        | 1.2        | 1.4        |
| 6.5m   | 3.5        | 1.8        | 1.7        | 1.7        | 1.7        | 1.1        | 1.8        | 2.0        | 1.6        | 1.3        | 1.4        | 1.3        |

EZwire antenna standart wire lenght is 16,2m or 30m (XL) but using the same balun you can according to table select another wire lenght.

All options avaible use same Balun.

By the table, you notice allways low SWR and easily tunned by any Antenna-tunner manual ou automatic.