

## OB2-80s 2el extra shortened 80m monobander (SSB+CW)



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|---|--|
| <b>OB2-80s</b>                                | 2 Element extra shortened 80m monobander<br>(SSB + CW) |
| <b>Bands</b>                                  | 80   |
| <b>Gain (dBd) *</b>                           | 3,5  |
| <b>Gain (dBi) **</b>                          | 9,9  |
| <b>F/B (dB)</b>                               | 20   |
| <b>VSWR (with the OptiBeam multi switch):</b> |  |
| <b>SSB 1: 3,770 - 3,795 - 3,830</b>           | 2,0 - 1,1 - 2,0  |
| <b>SSB 2: 3,720 - 3,745 - 3,790</b>           | 2,0 - 1,1 - 2,0  |
| <b>SSB 3: 3,680 - 3,705 - 3,750</b>           | 2,0 - 1,1 - 2,0  |
| <b>CW: 3,500 - 3,520 - 3,565</b>              | 1,7 - 1,2 - 2,0  |
| <b>Elements (number)</b>                      | 2  |

|                                |  |
|--------------------------------|--|
| <b>Max. Element length (m)</b> | 17,60  |
| <b>Boom length (m)</b>         | 10,00  |
| <b>Turning Radius (m)</b>      | 10,20  |
| <b>Feed lines (number)</b>     | 1 Coax 50 Ohm  |
| <b>Weight (kg)</b>             | 100  |
| <b>Wind load at 130 km/h</b>   | 1.246 N / 1,55 m <sup>2</sup> / 16,8 feet <sup>2</sup> |

**Price incl. 5 KW 1:2 balun and multi switch system \*\*\*** 4.659,00 EUR

**Price "plain SSB version" incl. high quality 5 KW 1:2 balun \*\*\*** 3.799,00 EUR

- \* = average gain over dipole in free-space / for comparison: 2 el monobander 4 dBd, 3 el 5-6 dBd
- \*\* = average gain at 20m above ground (= dBd + 2.15 db isotropic + about 5 db ground reflection)
- \*\*\* = outside EU minus 19% tax - subject to change