

## OB3-80+ 3el / 80m Yagi (SSB+CW)



### **OB3-80+**

3 Element Yagi 80m  
(SSB+CW)

**Bands**

80

**Gain (dBd) \***

4.85

**Gain (dBi) \*\***

11.25

**F/B (dB)**

21

**VSWR (with the OptiBeam multi switch):**

**SSB 1: 3,770 - 3,795 - 3,830**

2,0 - 1,1 - 2,0

**SSB 2: 3,720 - 3,745 - 3,790**

2,0 - 1,1 - 2,0

**SSB 3: 3,680 - 3,705 - 3,750**

2,0 - 1,1 - 2,0

**CW: 3,500 - 3,520 - 3,565**

1,7 - 1,2 - 2,0

<b>Elements (number)</b>	3
<b>Max. Element length (m)</b>	23
<b>Boom length (m)</b>	20
<b>Turning Radius (m)</b>	15.6
<b>Feed lines (number)</b>	1 Coax 50 Ohm
<b>Weight (kg)</b>	210
<b>Wind load at 130 km/h</b>	2.434 N / 3,05 m <sup>2</sup> / 33,1 feet <sup>2</sup>

**Price incl. 5 KW 1:2 balun and multi switch system \*\*\*** 7.799,00 EUR

**Price "plain SSB version incl. high quality 5 KW 1:2 balun \*\*\*** 6.549,00 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