

## OB18-6 18 Element Yagi 40-20-17-15-12-10m



### **OB18-6**

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#### **Bands**

40 / 20 / 17 / 15 / 12 / 10

#### **Gain (dBd) \***

4,8 / 7,3 / 7,5 / 7,8 / 7,0 / 7,7

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

11,8 / 14,7 / 15,1 / 15,5 / 14,8 / 15,6

#### **F/B (dB)**

25 / 18 / 25 / 22 / 22 / 15

#### **VSWR**

#### **40 m CW/Europe setting:**

7,00 - 7,05 - 7,15

1,7 - 1,1 - 1,8

**40 m USA phone setting:**

<b>7,15 - 7,21 - 7,30</b>	1,7 - 1,1 - 1,8
<b>14,000 - 14,160 - 14,350</b>	1,3 - 1,1 - 1,4
<b>18,069 - 18,150 - 18,169</b>	1,4 - 1,1 - 1,2
<b>21,000 - 21,270 - 21,450</b>	1,4 - 1,1 - 1,3
<b>24,890 - 24,950 - 24,990</b>	1,3 - 1,1 - 1,3
<b>28,000 - 28,500 - 29,000</b>	1,5 - 1,1 - 1,7

<b>Elements (number)</b>	18 (+ 8 hidden sleeve für 12/17m )
<b>Active Elements</b>	3 / 4 / 4 / 4 / 4 / 7
<b>Max. Element length (m)</b>	14.64
<b>Boom length (m)</b>	11.9
<b>Turning Radius (m)</b>	9.16
<b>Feed lines (number)</b>	1 Coax 50 Ohm
<b>Weight (kg)</b>	120
<b>Wind load at 130 km/h</b>	2.466 N / 3,09 m <sup>2</sup> / 33,37 feet <sup>2</sup>
<b>Price ***</b>	4.575,00 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