



DXE 12-6 HF & 6m Yagi on 5.3m boom (20/17/15/12/10/6). The World's best 6 band HF & 6m Yagi 'full sized' Yagi - InnovAntennas



### Description

Available through WiMo Germany and DX Engineering in the USA - for Direct factory supply, Email us for pricing and time lines.

[www.dxengineering.com](http://www.dxengineering.com) - [www.wimo.com](http://www.wimo.com)

The InnovAntennas DXE 12-6 is a 12 element multi-band HF & 6m Yagi covering 20m/17m/15m/12m/10m/6m bands with a single feed point with a 5.3m boom.



The DXE12-6 @ WB5AW

*"Thanks for all the help Justin. It's in the air, although still at about 23 feet, and everything is working fine. I'll post on the review page that even an old 72 man can assemble it and get it in the air completely by himself!." James WB5AW.*

**The XR with a bigger punch!**

The DXE 12-6 has been given an extra dedicated element for 12m and another 1.8m of boom over its smaller brother the XR6. the DXE 1206 covers the HF bands of 20/17/15/12/10 and 6m to match today's HF rigs capabilities and give excellent performance on all bands. In addition, the DXE 1206 provides wider, flatter bandwidth along with higher performance too and is built rugged enough to see off harsh weather environments.

### Unlimited Power Handling

The DXE 12-6 has no matching devices, no traps, no coils, no hairpins and so has nothing to lose valuable power and thus has class-leading radiating efficiency. This means the only power limitation you have is how much power your coax cable can handle and more of your input Watts are correctly radiated from the antenna.

### The Ideal partner for SDR Radios

The DXE 12-6 is an ideal partner for today's top SDR radios. There is no limitation in how many bands you can monitor or use at once. This means with products such as the Flex 6700, all 6 bands can be monitored at the same time **WITHOUT COMPROMISE**.

### Multi-band, Performance-Busting Design

The more bands there are added to a multi-band Yagi, the more interlaced elements there are and in turn, performance per band drops with each no band added. The Unique design of the DXE 12-6 means no more than 3 band are interlaced on any part of the boom.

### Increased Rigidity

We have modified the construction of the DXE 12-6 to provide a more rigid look with faster taper to ensure fatigue due to vortex shedding (constant wind flow causing vibration) are not an issue. 20m element start at 35mm diameter and boom is 50mm diameter throughout.

### Excellent All-Weather handling and reliability

With no moving parts and being modelled for wide bandwidth per band, the XR6 MkII is very forgiving in all weathers allowing you to enjoy your hobby whatever the location or time of year.

### Maintenance Free

**Icom North America** and **Kenwood UK** changed their HF antennas to InnovAntennas HF multibanders to ensure reliability and remove the need for maintenance. If you don't want to be climbing the tower each year to fix stuff, the DXE 12-6 is for you too.

### The Right Materials for the Job

The DXE 12-6 standing on its own in terms of quality. Built using the latest CNC technology, all components are at the top of their field too. Our insulators are UV protected and handle -170 to +240 degrees C, our hardware is Marine Grade Stainless Steel and our aluminium aerospace grade T6 6066/6082.

### Technical Specification

**Weight:** 49 kilos

**Turning Radius:** 20'2" / 6.14m

**Boom Length:** 17'6" / 5.3m

**Projected area:** 15.6 SqFt

**Wind Survival:** 110Mph / 176Kph

**Average Gain per band @ 20m above average ground:** 11.24dBi

**Power Rating:** **10Kw**

**Boom Length:** 5.3 Metres

**Weight:** 28.7Kg

**Turning Radius:** 5.99 Metres

**Wind Loading:** 1.21 Square Metres

**Wind Survival:** up to 200KPH+ / 115MPH+

Contact us to discuss your system/station requirements for a FREE CONSULTATION!  
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