

**Cross-Band Yagi 144/430 MHz 5+9 el. 150cm****Price : 115.50 Euro**Catalog No. : **VPA-CBY59150**Manufacturer : **VPA-Systems**Availability : **Available - Up to 20 working days production time**

Rating :

**Cross-Band Yagi 144/430 MHz 5+9 el. 150cm**

DK7ZB based, especially recalculated for amateur satellites use - 146 and 437 MHz.

The antenna is designed mainly for communication through amateur satellites, provides a very good reception and transmission quality. At the same boom are situated two antennas. First the 144 MHz band and the second at 430 MHz band in opposite polarity.

These antennas are powered by separate cables.

Using two antennas and splitters with appropriate phase shift can be obtained circular polarization in both bands for superior communications satellites during the entire flight.

Available with rear-mount.

Technical information	2m band	70cm band
Frequency coverage	146 MHz	437 MHz
Number of elements	5	9
Gain	<b>10.5 dBi</b>	<b>14.2 dBi</b>
Fron-to-Back ratio	-20.0 dB	-25.0 dB
Vertical pattern width (+/-3dB)	83°	40°
Horizontal pattern width (+/-3dB)	55°	36°
Max. power	<b>300 W</b>	<b>200 W</b>
Max. SWR	1.2:1	1.2:1
Antenna sockets	2 x Type N	
Baluns	28/50 (Teflon COAX)	
Overall length	150 cm (175cm*)	
Cross-Boom	20x20x1 mm (25x25x1.5mm*)	
Elements diameter	10 mm (radiator 12 mm)	
Material	aluminium / stainless steel	
Mast mount	max. dia. 60 mm	
Weight	2.3 kg (2.5kg*)	

\* rear mount

**When assembled, the antenna is ready to work and does not require additional tuning.**

**No drilling, no cutting - just assembly and enjoy antenna.**

**Options available for Cross-Band Yagi 144/430 MHz 5+9 el. 150cm**

**Mast mount:** Standard, Rear mount (+19.80 Euro).