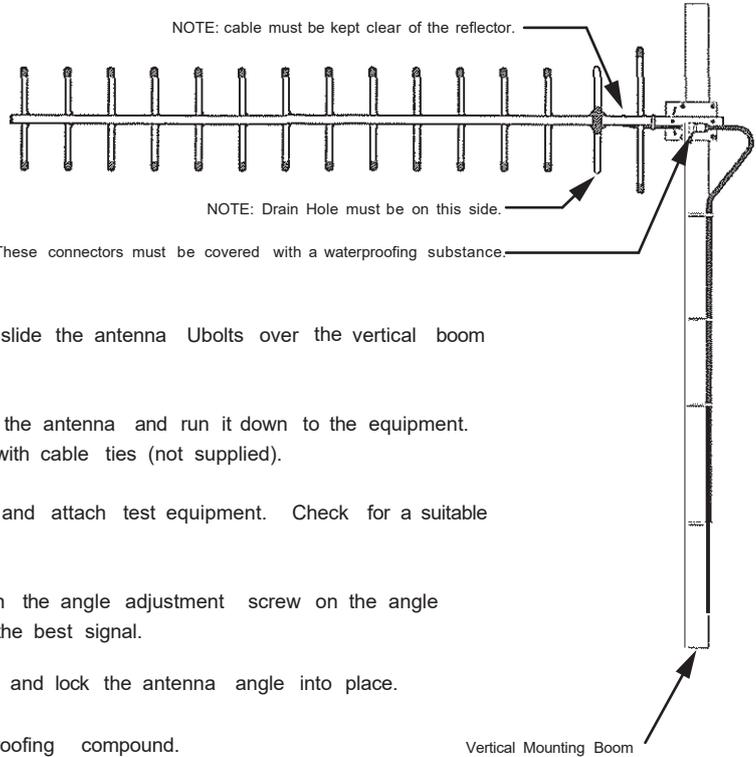


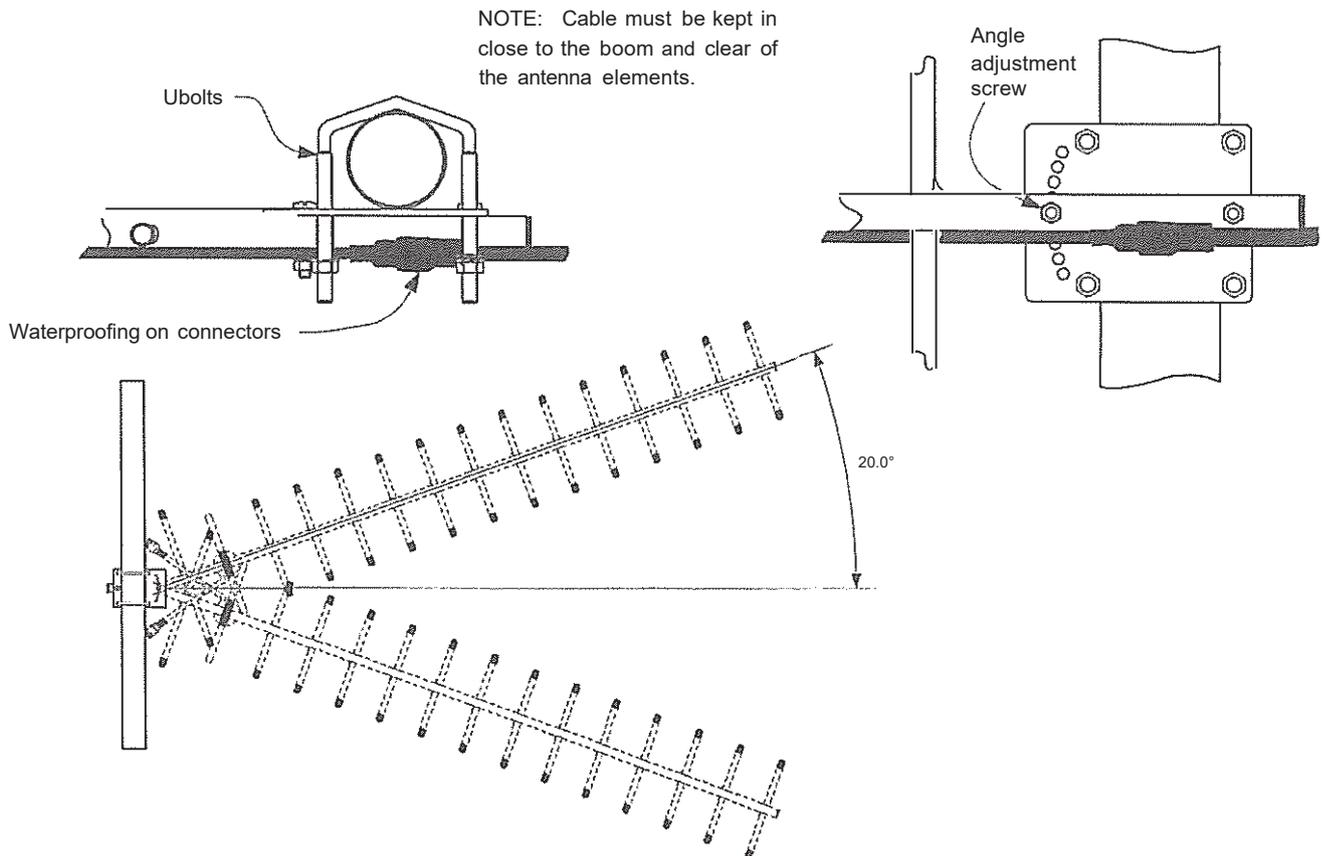
# ANT465

## INSTALLATION GUIDE

### ANT465 15 ELEMENT YAGI ANTENNA NEXT G



- 1/ Taking note of the antenna drain hole - slide the antenna Ubolts over the vertical boom and tighten the nuts.
  - 2/ Attach the feed cable (not supplied) to the antenna and run it down to the equipment. Secure the cable to the vertical boom with cable ties (not supplied).
  - 3/ Fit mating connector to the feed cable and attach test equipment. Check for a suitable signal level.
- If the signal level is unsatisfactory - loosen the angle adjustment screw on the angle bracket and adjust the antenna angle for the best signal.
- 4/ Replace the angle adjustment screws and lock the antenna angle into place.
  - 5/ Seal the connector union with a waterproofing compound.



## ANT465

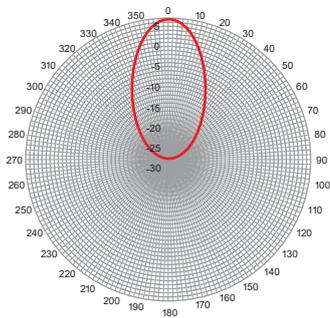
### 15 ELEMENT YAGI NEXT G

ANT465 Yagi is designed for use in a Next G fixed site installation for  
Wireless Voice / Broadband Data Access.

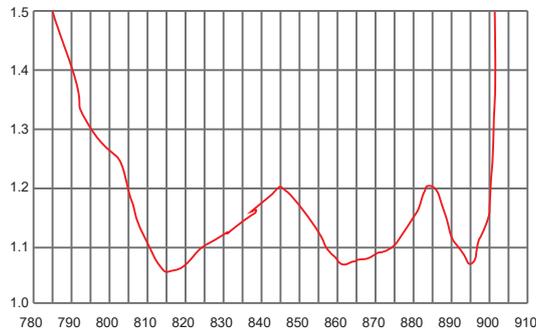
The antenna offers 15 dBi of gain across the band 824-894 MHz.  
It comes angle adjustment bracket allowing +/-20 degrees of angle  
adjustment in the Vertical plane. The bracket suits up to 50mm  
mounting tube.

<b>Electrical</b>		<b>Mechanical</b>	
Frequency:	824-894 MHz	Construction:	Welded Aluminium construction. Grey powder coated.
Gain (dBi):	15	Length (m):	1.156
Tuned Bandwth:	71 MHz	'Width (m):	0.18
Operating VSWR:	<1.5:1	Weight (kg):	0.6
Input Imp:	50 ohms (Nominal)	Termination:	Cable tail with N-Type Female Receptacle.
Vertical Beamwth:	32°	Projected Area:	0.05008 SQM
Horizontal Beamwth:	32°	Wind loading @160 KPH:	6.08 KG
FJB Ratio:	18 dB	Mounting:	Angle Bracket suits 25-50mm Tubing

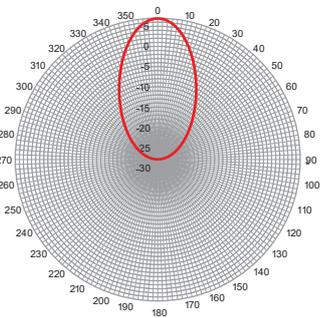
• Reflector length.



Horizontal



MHZ



Vertical

