

VHF YAGI ANTENNA 5000-0050



APPLICATIONS

- Scada
- AgriMet
- Met station

FEATURES

- Heavy duty construction
- Stainless steel hardware
- No tuning or cutting required
- High gain
- High wind survivability
- Preadjusted for broad frequency range
- Extremely rugged and weatherproof with heavy machined aluminum bosses holding six elements
- Stainless steel U-Bolts provided for mounting to standard 2-1/8 inch vertical pipe
- Wide beamwidth for easy station alignment
- High front to back ratio producing a clearer communication link

HELPFUL HINTS

- Remember to perform link calculations that take into consideration transmitter wattage, cable loss, tower height, and distance between communication points to determine if the type of antenna selected and its gain are optimum for the system.
- Use top quality co-ax cabling between the transmitter and the antenna. Poor quality connectors, long cables, or poor quality cable will reduce the effective output at the antenna and may render the system inoperable.

SPECIFICATIONS

Specifications subject to change without notice

Frequency	166-174 MHz
Gain	7.1 dB
F/B Ratio	20 dB
3 db Beamw.	E-plane 53 degrees
3 db Beamw.	H-plane 74 degrees
Connector Type	N Female
Wind Surf. Area	1.29 ft ² (.120m ²) typ
Wind Survivability	125 mph (200 kph)
Weight	7 lb. (3.15 Kg)
Length	64 inches (162.6 cm)

ORDERING

5000-0050-1	Antenna, VHF, 166 - 174 MHz
ACCESSORIES	
6411-1162-1	Cable Assy, Antenna, 15 ft