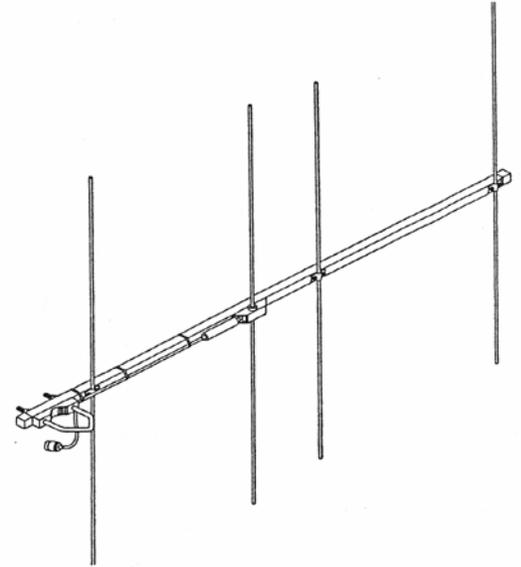


ANTENNA TECHNOLOGIES LIMITED COMPANY

Model 220-4H Heavy Duty VHF Yagi Antenna

Key Features

-  **“EverSealed”** feed system is impervious to ice, moisture and the impact of harsh environments. No field tuning is required.
-  Rugged, square tube boom and solid aluminum rod elements for greater durability.
-  Custom V-Blocks and V-Bolts for secure mounting.



Electrical Specifications	220-4H
Frequency Range, MHz	215-225
Gain, dBd	7 typical
Front to Back Ratio, dB	16 minimum; 18 typical
VSWR (50 Ohms)	1.2:1 typical
1.5:1 Bandwidth MHz	10 minimum; 14 typical
3 dB Beamwidth E/H Planes, degrees	61/90
Stacking Distance, E/H, inches	45/30
Maximum Power, watts	150*
Cable type/length	RG58 type, 2 (.61)
Connector	N Female
Polarization	Horizontal or Vertical

* Limited by feedline. Higher power ratings are available as an option.



Mechanical Specifications	220-4H
Number of Elements	4
Boom Length, feet (m)	2.75 (.84)
Boom Material	1.0" by .1.0" square tube 6061-T6 aluminum
Element Material	.25" diameter 6061-T6 aluminum rod
Mast Diameter, inches, (cm)	1.25-2.00 (3.2-5.1)
Mounting	Rear
Wind Surface Areas, feet ²	.4 (.037)
Wind Survival, mph (kph)	150 (240)
Weight, pounds (kg)	3.0 (1.4)