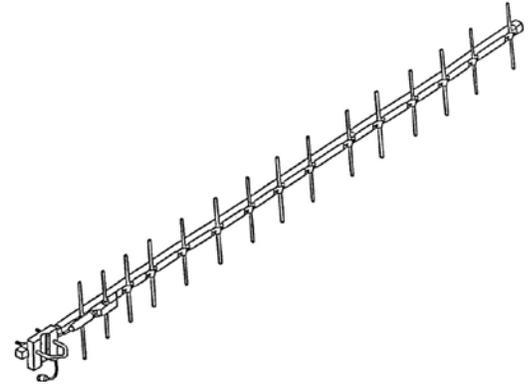


ANTENNA TECHNOLOGIES LIMITED COMPANY

# Model 915-15 Spread Spectrum Yagi Antenna

## Key Features

- Easily stacked for 15 to 18 dBi gain
- Custom stacking frames and harnesses are available
- High strength square aluminum boom for enhanced survivability
- "EverSealed" feed and a flexible feedline interface with custom cable lengths available for quick and easy installation
- No field tuning required**



Electrical Specifications	915-15
Frequency Range, MHz	902-928
Gain, dBd	13 minimum
Front to Back Ratio, dB	16 minimum; 20 typical
VSWR (50 Ohms)	1.2:1 typical
1.5:1 Bandwidth MHz	26 minimum; 40 typical
3 dB Beamwidth E/H Planes, degrees	30/32
Maximum Power, watts	50*
Cable type/length	RG58, 1 (.3)
Connector	N Female
Polarization	Horizontal or Vertical



Mechanical Specifications	915-15
Number of Elements	15
Boom Length, feet (m)	5.0 (1.52)
Boom Material	.750" by .750 square tube 6061-T6 aluminum
Element Material	.188" diameter 2011-T3 aluminum rod
Mast Diameter, inches, (cm)	1.25-2.00 (3.2-5.1)
Mounting	Rear
Wind Surface Areas, feet	.458 (.043)
Wind Survival, mph (kph)	100 (161)
Weight, pounds (kg)	3.0 (1.36)