

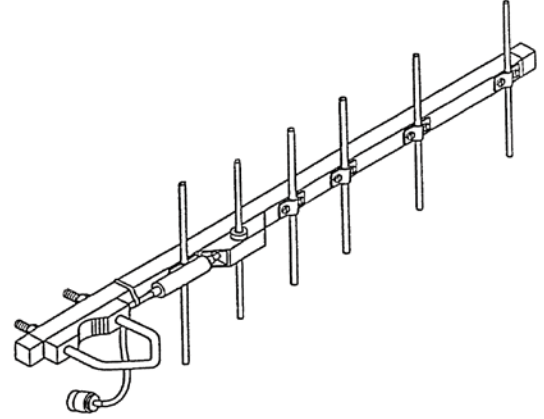


ANTENNA TECHNOLOGIES LIMITED COMPANY

Model 915-6ESP Spread Spectrum Yagi Antenna

Key Features

- Balanced "Antenna Feed" system for a clean radiation pattern.
- Coated to prevent corrosion and maintain a glossy finish
- High strength aluminum used for both the square tube boom and the solid rod elements for greater endurance and reliability
- Totally encapsulated feed system ensures no moisture problems
- Custom V-Blocks and stainless steel V-bolts for secure mounting and easy installation



Electrical Specifications	915-6ESP
Frequency Range, MHz	902-928
Gain, dBd	9 minimum
Front to Back Ratio, dB	16 minimum; 20 typical
VSWR (50 Ohms)	1.2:1 typical
1.5:1 Bandwidth MHz	26 minimum
3 dB Beamwidth E/H Planes, degrees	49/59
Stacking Distance, E/H, inches	13/11
Maximum Power, watts	50*
Cable type/length	RG58, 1 (.3)
Connector	N Female
Polarization	Vertical

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

Mechanical Specifications	915-6ESP
Number of Elements	6
Boom Length, feet (m)	2 (.58)
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	.159 (.015)
Wind Survival, mph (kph)	125 (200)
Weight, pounds (kg)	1.2 (.54)



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