

# PROFESSIONAL GRADE YAGI

## PRO890-12-EBN4

890-960 MHz

### ANTENNA SPECIFICATIONS

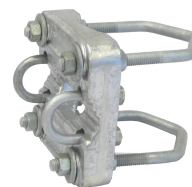
Operating Frequency (VSWR $\leq$ 1.5) MHz	890-960
Nominal Gain (dBi)	12
Horizontal Beamwidth (Deg-3dB)	52
Vertical Beamwidth (Deg-3dB)	42
Power Rating (W)	200
Length (inches)	23.5
Width (inches)	6.2
Antenna Weight (lbs.)	3
Cross Sectional Area (Max. Ft <sup>2</sup> )	0.26
Lateral Thrust at 100mph (lbs.)	7
Rated Wind Velocity (mph)	150
Rated Wind Velocity with 1/2" radial ice (mph)	100



PRO890-12-EB is manufactured with an N-Female only.

The **PRO890-12-EB** is specifically designed to meet or exceed the requirements of a high gain, broadband *Professional Grade* antenna. This antenna provides **12 dBi** gain and operates very effectively across the operating range of **890-960 MHz** with a VSWR of 1.5:1 or less. All **WaveLink Professional Grade** antennas are manufactured using high strength 6061 T-6 aluminum, and are fully welded to ensure optimum performance in the most severe operating conditions. The end boom N-Female connector is soldered directly to the internal feed, optimizing the operating characteristics, and is factory sealed using an epoxy resin to ensure a long-lasting watertight seal. All elements are fully welded to the boom, eliminating any potential intermod problems. The **PRO890-12 EB** is finished with black powder coat to protect against the effects of oxidation.

[To view polar plots for this antenna please visit www.wavelinkantenna.com/plots](http://www.wavelinkantenna.com/plots)



Includes mounting bracket  
C1001

Easily permits vertical or horizontal polarization.  
Mounts on 1"-2<sup>3</sup>/<sub>8</sub>" pipe.