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# F-250

## 2.4 GHz Backfire LAN Antenna 15 dBi

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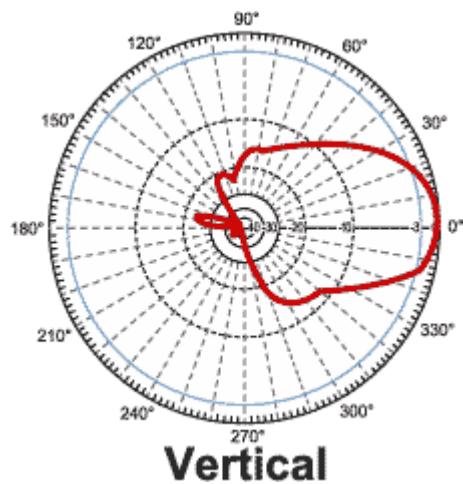
High gain Backfire antenna F-250 S has 15 dB gain in 2.400 MHz - 2.500 MHz range. This antenna has diameter 10". Antenna has an SMA connector and comes with a military grade 50 ohm cable 1 ft long.

These antennas feature a tilt and swivel mount for wall or mast mounting. The reflector design minimizes interference.

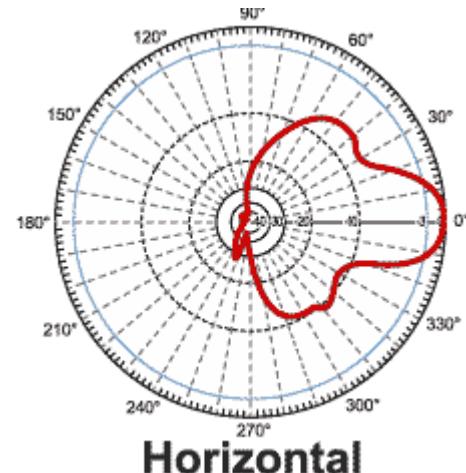


Electrical and Mechanical Specifications	
<b>Frequency</b>	2400-2500 MHz
<b>Gain</b>	15 dBi
<b>Horizontal Beam Width</b>	25 degrees
<b>Vertical Beam Width</b>	25 degrees
<b>Impedance</b>	50 Ohm
<b>Max. Input Power</b>	50 Watts
<b>Front to Back Ratio</b>	> 30 dB
<b>VSWR</b>	< 1.5:1 avg.
<b>Weight</b>	< 3.0 lbs. (1.4 Kg)
<b>Diameter</b>	10.25" (260mm)
<b>Mast Diameter</b>	2.0" (50mm) max.
<b>Radome Material</b>	Aluminum
<b>Operating Temperature</b>	-40° C to 85° C (-40° F to 185° F)
<b>Polarization</b>	Horizontal or Vertical
<b>Wind Survival</b>	> 150 MPH
<b>Connector</b>	N-Female

## RF Antenna Gain Patterns



**Vertical**



**Horizontal**