



ANTENNA TECHNOLOGIES LIMITED COMPANY

The Top Ten Antenna Questions to Answer Before Making a Final Antenna Selection

1. Frequency Range (MHz): _____
Center Frequency: _____
Bandwidth: _____
2. Minimum Gain: _____
Reference (dBd or dBi): _____
3. Radiation Pattern (Omni or Directional): _____
4. Maximum Allowable VSWR (*typical is 1.5:1*): _____
5. Polarization: _____
_____ Vertical _____ Horizontal _____ Elliptical (RHCP or LHCP)
6. Connector Type: _____ Male _____ Female _____
Is a Pigtail Feed Beneficial? _____ If so, how long? _____
7. Power rating of antenna (in Watts): _____
Average or Peak: _____
8. Where will the antenna be mounted: _____
9. Maximum Size of the Antenna: _____
Environment: _____ Indoors _____ Outdoors _____
Wind Speed: _____
Ice: _____
Hardware required: _____
Stainless Steel Hardware: _____
Rear or center mount: _____
Mast diameter (if required) _____
Is a radome required? _____
Size: _____ Color: _____
10. What is the expected lifetime of the antenna: _____

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