

Antenna Specification for 4' and 6' Antenna for Radar

**Antenna Specifications**

Specification	Measurement
Type	End-fed slotted waveguide
Horizontal beam width	4 ft. antenna: 1.8 degrees 6 ft. antenna: 1.1 degrees
Horizontal side lobes	-23 dB within $\pm 10$ degrees of main -30 dB outside $\pm 10$ degrees of main
Vertical beam width	23°
Antenna gain	4 ft. antenna: 27 dB 6 ft. antenna: 29 dB
Polarization	Horizontal