

### air Fiber X Antenna

11 GHz, 35 dBi airFiber® X Antenna Model: AF-11G35

Powerful Performance for Long-Range Links

Robust Design and Construction for Outdoor Use

Seamless Integration with airFiber AF-11FX Radio



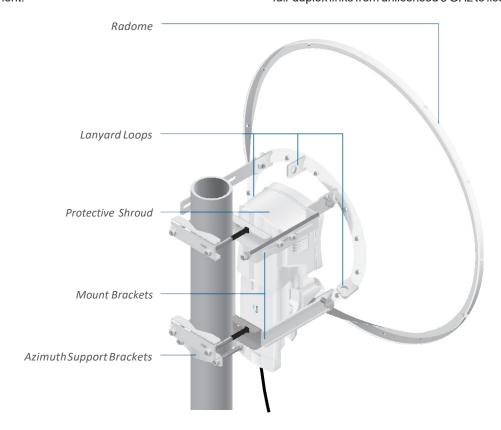
### **Hardware Overview**

### Innovative, Weatherproof Design

- Secure Pole-Mounting Maintains the position of the dish during harsh outdoor conditions.
- Protective Shroud Protects the cables and connectors from the elements.
- Integrated Radome Shields the radio from the environment.

#### 1 ount Designed for Safety, Easy Upgrade

- Lanyard Loops Assist in safely hoisting the antenna up a tower and into place.
- Azimuth Support Brackets Allow the antenna to be safely supported while the azimuth is adjusted.
- Shared AF-5/AF-5U Mount Design Facilitates upgrade of full-duplex links from unlicensed 5 GHz to licensed 11 GHz.



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The AF-11G35 antenna is specially designed for the AF-11FX radio, so that installation requires no special tools. The AF-11G35 comes preconfigured with V/H polarization, and can be configured to support ± 45° slant polarization for improved noise immunity and Signal-to-Noise Ratio (SNR), dependent on regulatory region.



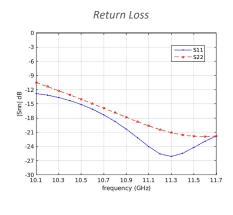
Model	Frequency	Gain	Radome	
AF-11G35	10.3-11.7 GHz	35 dBi	Integrated	

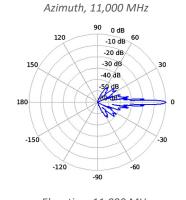
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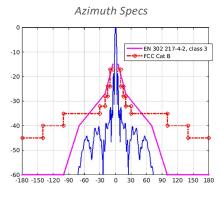
### **Specifications**

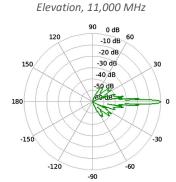
AF-11G35 Antenna Characteristics		
Dimensions	ø 811 x 460 mm (ø 31.9 x 18.1")	
Weight	Mount Not Included : 7.14 kg (15.74 lb) Mount Included : 11.85 kg (26.12 lb)	
Frequency Range	10.3 - 11.7 GHz	
Gain	35 dBi	
HPOL Beamwidth	2.5°	
VPOL Beamwidth	2.5°	
Front-to-Back Ratio	60 dB	
Max. VSWR	2:1	
Wind Survivability	200 km/h (125 mph)	
Wind Loading	1538 N @ 200 km/h (346 lbf @125 mph)	
Polarization	Default: H/V After Rotating OMT: ±45°	
Cross-Pol Isolation	35 dB	
Mounting	Uses the AF-5/AF-5U Mounting System	
Pattern Regulatory	ETSI 302 217-4-2, Class 3 and FCC Cat B	

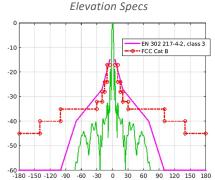
#### **AF-11G35 Antenna Information**











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