

## AXT644

### Directional 2.4 GHz Patch Antenna



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This directional 2.4 GHz antenna provides focused transmission and reception of 2.4 GHz signals to extend coverage range, while rejecting off-beam signals.

In challenging environments, the directional antenna provides coverage in areas not served by omnidirectional 2.4 GHz antennas.

#### Features

- Directional coverage pattern
- Extended range
- Increased immunity from interfering signals
- Reduced multipath effects

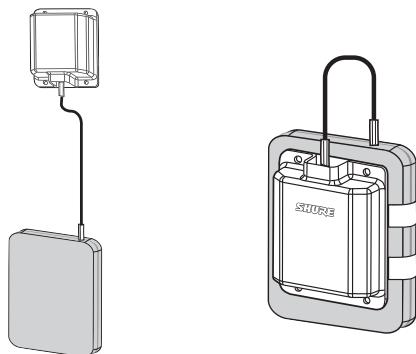
#### Installation

Mount the antenna to the body of a 2.4 GHz device using the included antenna clip, or wall mount for permanent installations.

Note: Aim the antenna at the intended coverage area.

#### Accessories

6" cable, male, SMA-type	95A15245
36" cable, male, SMA-type	95B15245
Patch antenna clip	65A14861
Mounting screws	90A15471



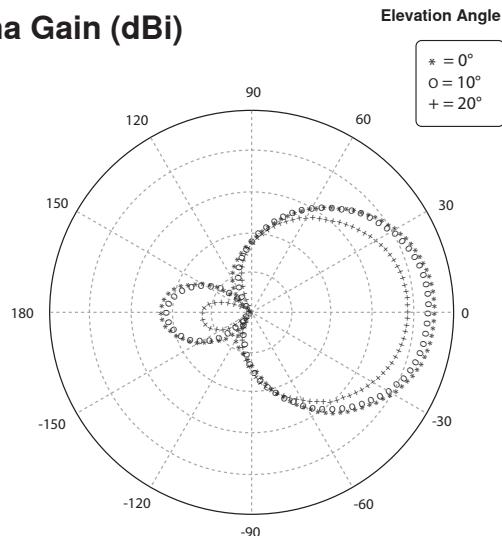
Wall mount with  
36-inch cable

Body mount with  
clip and 6-inch  
cable

#### Specifications- AXT644 2.4 Ghz Patch Antenna

Connector Type	SMA
Configuration	Unbalanced, active
Antenna Gain	8.5dBi
Angle of Acceptance	Horizontal Width: 70 degrees Vertical Width: 65 degrees
Impedance	50 Ω
VSWR at resonance	2:1, maximum
Maximum VSWR	3:1, (2.4–4.485 GHz)
Housing	Molded PC/ABS
Dimensions	119 mm x 102 mm x 30 mm (4.7 in. x 4.0 in. x 1.2 in.), H x W x D
Weight	140 g (4.9 oz.)
Operating Temperature Range	-18°C (0°F) to 63°C (145°F)
Storage Temperature Range	-29°C (-20°F) to 74°C (165°F)

#### Antenna Gain (dBi)



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