



AXT644

Directional 2.4 GHz Patch Antenna



AXT644 Directional 2.4 GHz Patch Antenna

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.

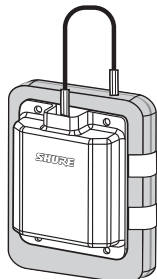
Note: Aim the antenna at the intended coverage area.

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

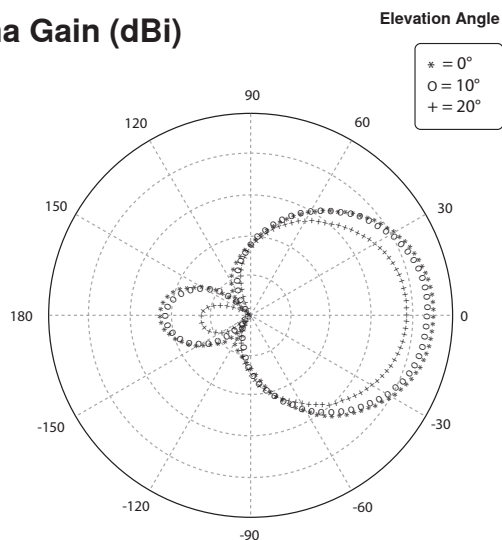


Body mount with
clip and 6-inch
cable

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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