

Features

- Wideband coverage: 698–960 MHz / 1710–2700 MHz
- Directional 90° beamwidth
- Vertical polarization
- Max gain: 6.5 / 9.0 dBi
- Input impedance: 50 Ω
- Max input power: 50 W
- N-Female connector
- Includes wall mount bracket
- Durable, UV-stabilized ABS radome
- Aluminum reflector construction
- Designed for indoor use only

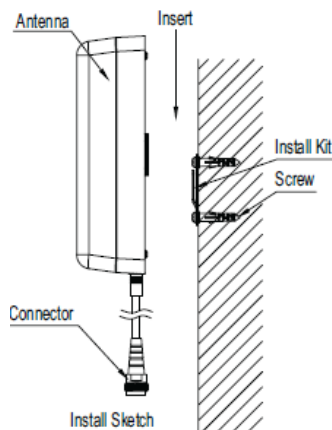


Description

Designed to provide maximum coverage in indoor environments, this ultra-wideband directional panel antenna features high gain and a 90° beamwidth. It supports 2G, 3G, 4G, 5G, and WLAN systems across Cellular, PCS, AWS, and LTE frequency bands.

Installation

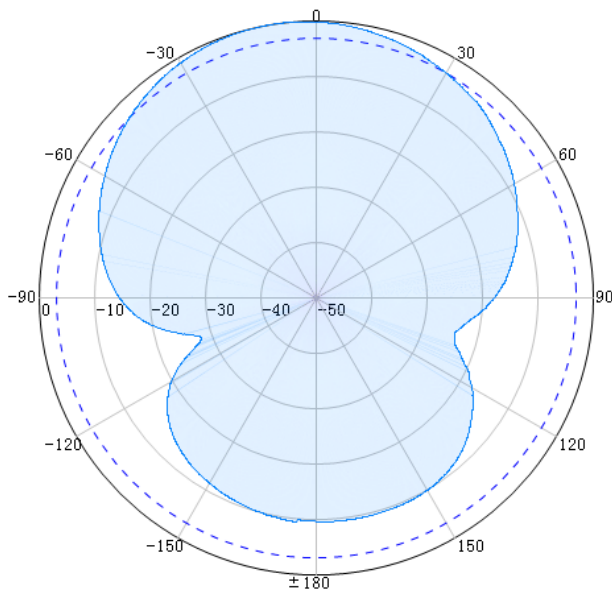
This directional panel antenna should be mounted on a wall or in a corner for optimal coverage. The TQ-540W Panel Antenna includes hardware for standard wall mounting.



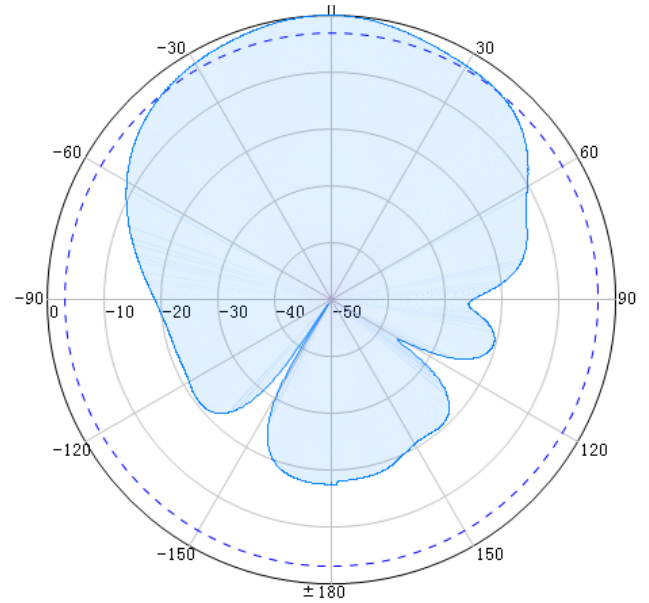
Technical Specifications

Electrical Specifications		
Frequency(MHz)	698-960	1710-2700
Gain (dBi)	6.5	9.0
VSWR	≤1.8	≤1.7
Polarization	Vertical	
Front to Back Ratio (dB)	≥15	
Horizontal Beam width	90°	65°
Vertical Beam width	70°	55°
Input Impedance	50 Ω	
Max Input Power	50 W	
Light Protection	DC Ground	
Mechanical Specifications		
Connector	N Female	
Dimensions(mm)	168x150x50	
Weight (kg)	0.4	
Reflector Material	Aluminum	
Radome Material	ABS(UV Stabilized)	
Operating Temperature	-40°C to +65°C	

Antenna Pattern



H-Plane



E-Plane

Ordering Information

Model	Description	Stock No.
540W	TQ-540W Indoor Panel 50 ohm Antenna - 6.5 to 9dBi (inc mounting kit)	3996141