

### WLAN HIGH GAIN ANTENNA

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- **WLAN**
- **2.4 GHz**
- **8/12 dB Gain**
- **Wall mounted**

ADA-0057 is a high gain WLAN wall mount antenna. It's available in two different versions, either 8 or 12 dB gain.

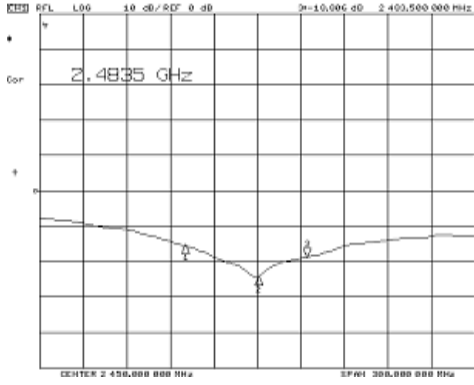
ADA-0057 is suitable for image/data/voice communications and wireless LAN systems.



## Specification

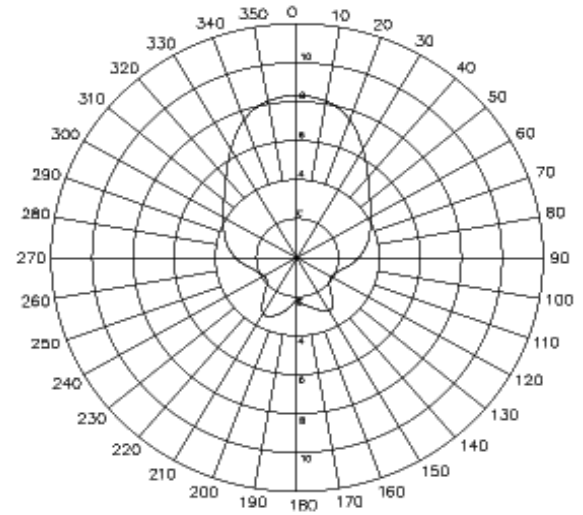
	Overall performance	
Category	ADA-0057-8	ADA-0057-12
Frequency	2400 – 2485 MHz	2400 – 2485 MHz
Max gain	8 dB	12 dB
Impedance	50 $\Omega$	50 $\Omega$
SWR	$\leq 1.3$	$\leq 1.3$
Max input power	50W	50W
Type	Panel	Panel
Radiation	Directional	Directional
Polarization	Vertical	Vertical
Beamwidth deg.	Horz. 75° Vert. 75°	Horz. 75° Vert. 75°
Connector	N female	N female
Dimension	107 x 94 x 30 mm (L,W,H)	214 x 94 x 30 mm (L,W,H)
Weight	0.3 kg	0.5 kg
Radiator	Copper	Copper
Radome	ABS	ABS

**Return Loss**

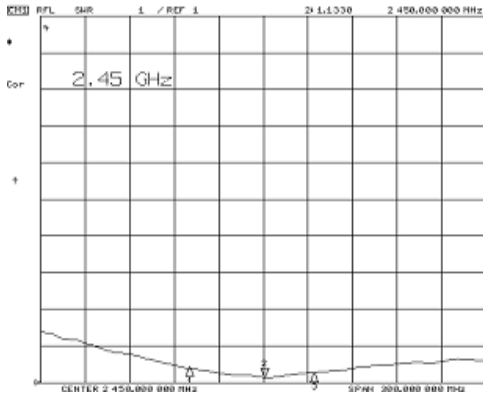


OH1 Markers  
 1: -15.481 dB  
 2.48000 GHz  
 2: -24.206 dB  
 2.48000 GHz

**E-PLANE FIELD PATTERNS**

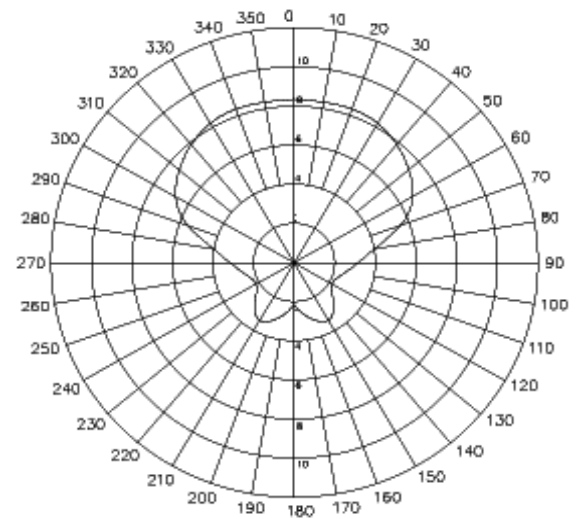


**VSWR**

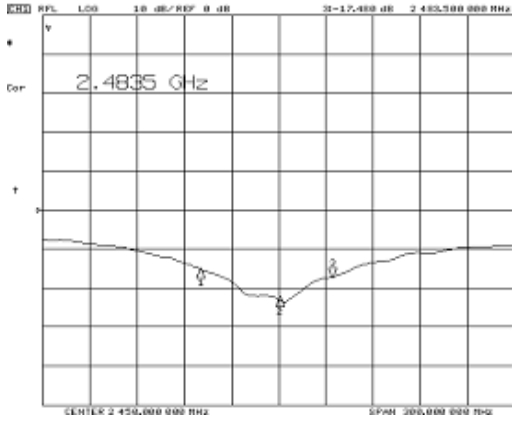


OH1 Markers  
 1: 1.4946  
 2.48000 GHz  
 2: 1.2682  
 2.48350 GHz

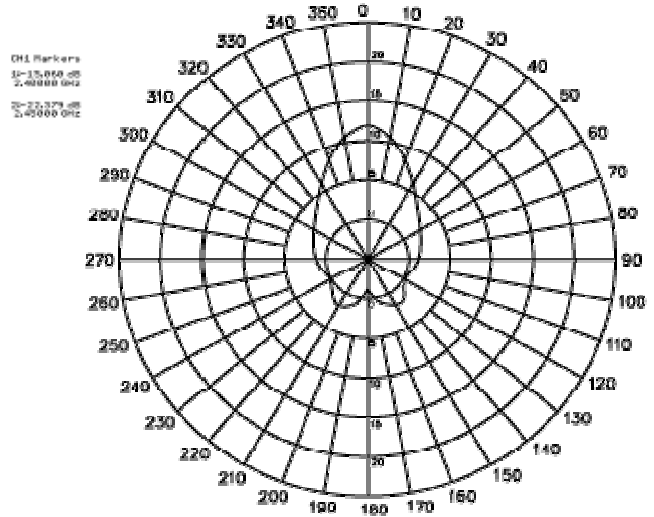
**H-PLANE FIELD PATTERNS**



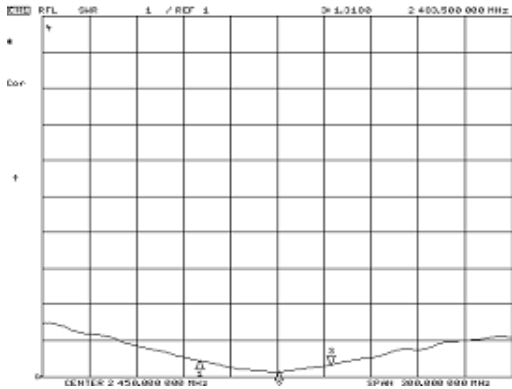
Return Loss



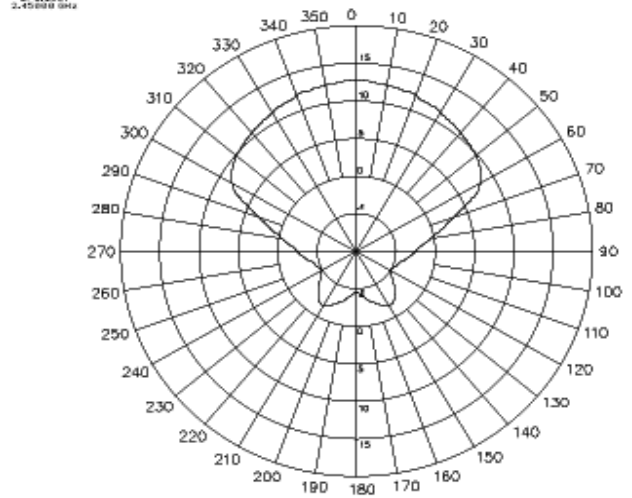
E-PLANE FIELD PATTERNS

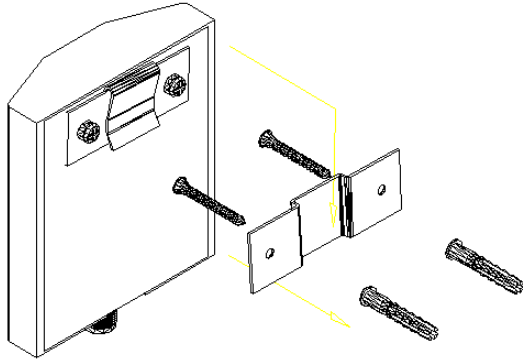


VSWR

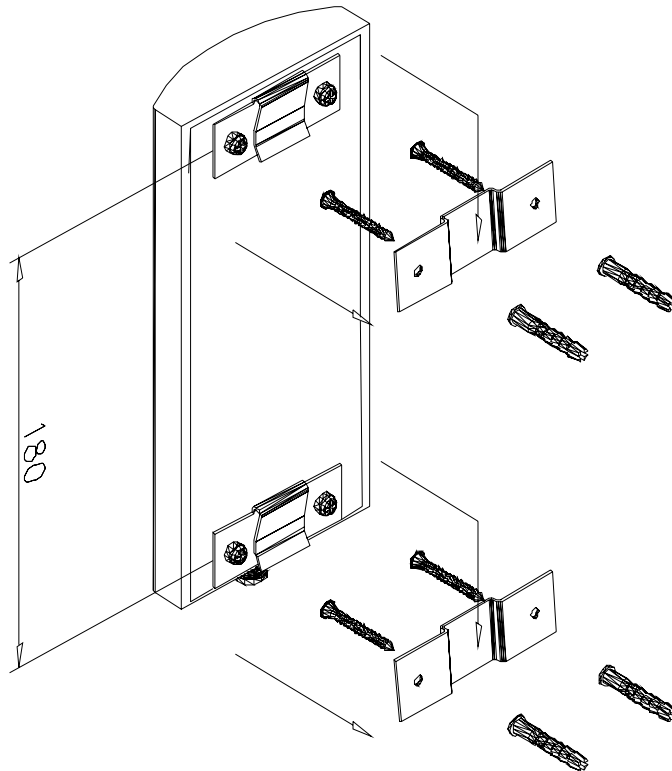


H-PLANE FIELD PATTERNS





ADA-0057-8



ADA-0057-12

## Ordering codes

TYPE	Description	Comment
ADA-0057-8	8 dB Gain antenna	WLAN antenna
ADA-0057-12	12 dB Gain antenna	WLAN antenna

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