

# Waveguide Directional Antenna 12dBi



**WL-ANT-012WG**

'Waveguide' design 12dBi Gain  
Wireless LAN Directional  
Antenna with 2.4GHz to  
2.5GHz Frequency range

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This Waveguide antenna delivers  
extended access point range

## Technical information

Frequency: 2400 - 2485MHz

Gain: 12 dBi

Polarization: Vertical

Beamwidth beg: Horz/Vert. 30 degrees

SWR: 1.5 : 1

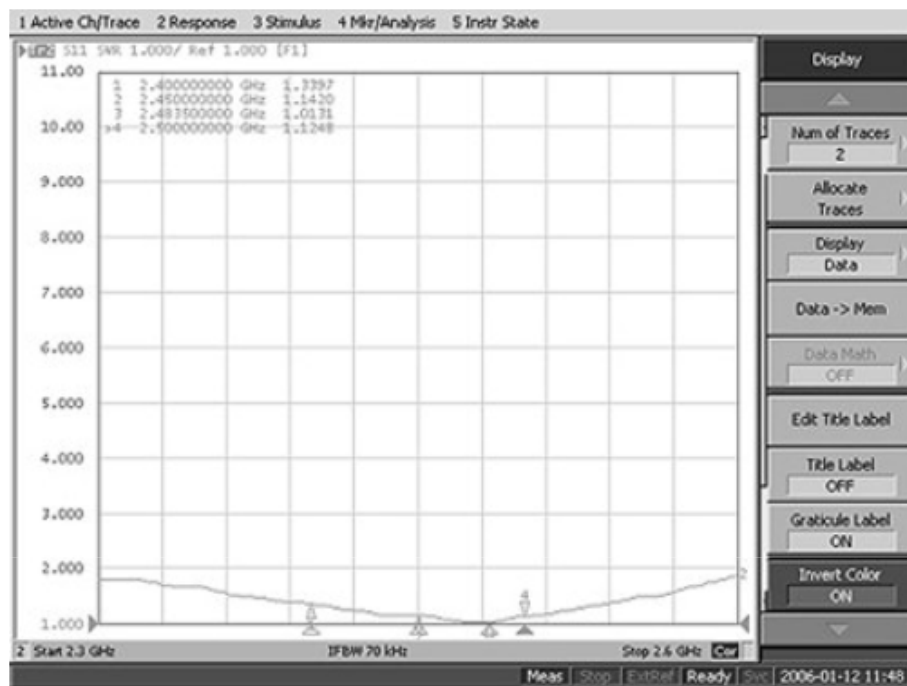
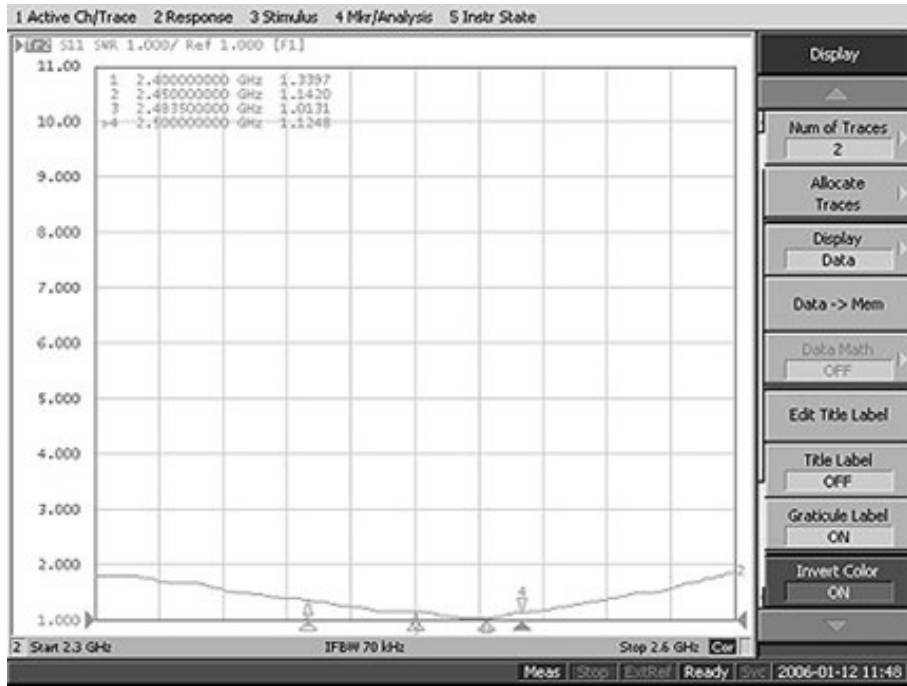
Connector: N-Female, Socket

Size: L153xW104

Weight: 650g

Mount: N/A

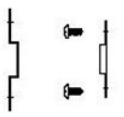
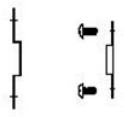
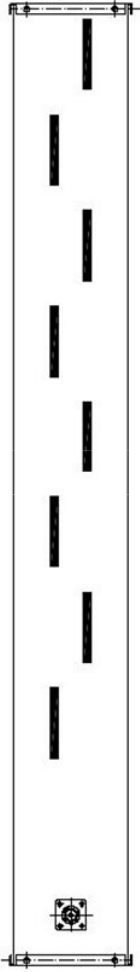
# SWR



# plane field patterns

tba

REV	DESCRIPTION	DRAWN	DATE



**Key Specifications/Special Features:**

- \* Horizontally Polarized Sector Antenna for wireless LAN communication
- \* Supports IEEE's 802.11b standard for wireless Ethernet networking
- \* Mounts easily for indoor or outside applications

B	Gain (dBi)	13	Weight	1500g
7	Type	Waveguide	Mount	N/A
6	Polarization	Horizontally		
5	Beamwidth deg.	Horz90°N/Vert18°		
4	SWR	≤1.5:1		
3	Frequency	2400-2485MHz		
2	Connector	N-Female		
1	Size	L800xW100xH150		

UNLESS OTHERWISE SPECIFIED  
 1 REMOVE ALL BURRS  
 2 HOLE CHAMFER 1ST & LAST  
 3 CHAMFER 1ST & LAST  
 4 DIMENSIONS ON COMMON  
 5 ALL DIMENSIONS ARE  
 WITHIN DIMENSIONS  
 AFTER FINISHING.

UNLESS OTHERWISE NOTED TOLERANCES  
 0.5-6 = ±0.2  
 6-30 = ±0.4  
 30-120 = ±0.6  
 120-315 = ±1.0  
 ANGLES = ±1°

APPROVED  
 CHECKED  
 DRAWN  
 PEN

TITLE  
 Horizontally Polarized Sector Antenna  
 DRAWING NO.  
 REV A

SCALE 5/1 | UNIT MM | DRAWN DATE 08/18/04 | FILE NO. 2400MHz Horizontally Polarized Sector Antenna 08-18-04