

Waveguide Directional Antenna 12dBi



WL-ANT-012WG

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

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

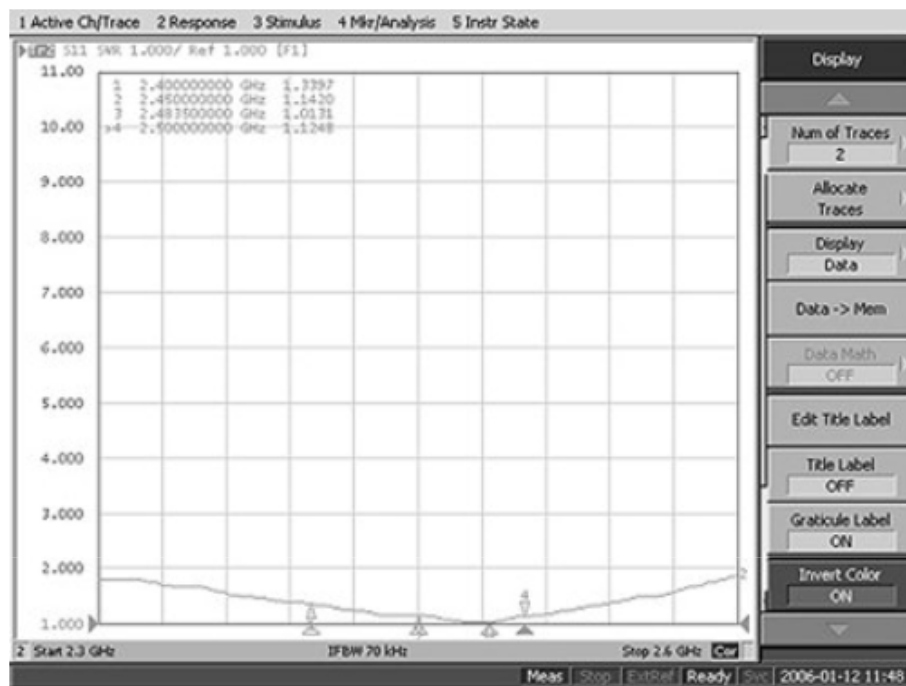
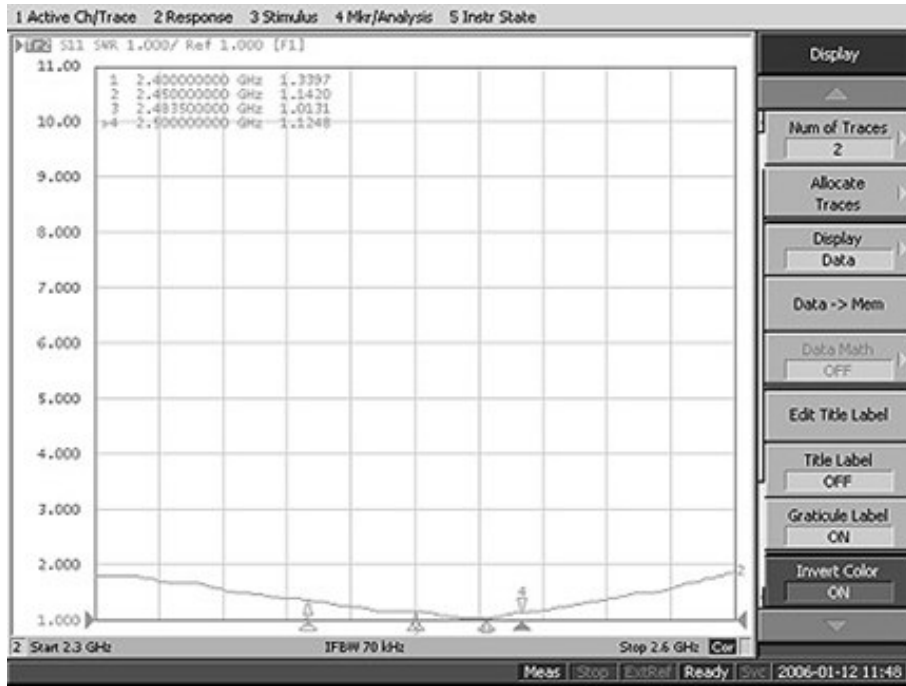
Connector: N-Female, Socket

Size: L153xW104

Weight: 650g

Mount: N/A

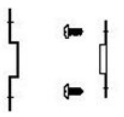
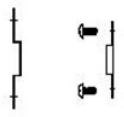
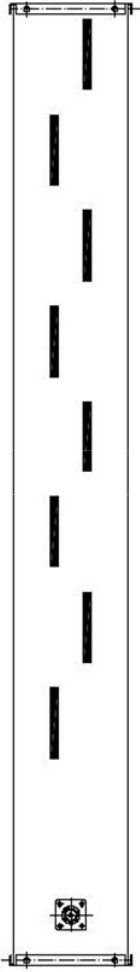
SWR



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