



華耀科技有限公司
Hua Yao Technologies co.,Ltd

NO.25 , CHUNG-YAUNG ROAD , YUNG-KANG CITY , TAINAN HSIEN, TAIWAN , R.O.C

TEL: +886-6-2819815 FAX : +886-6-2819752

SPECIFICATION

PA-2450-18

**Panel 18dBi Gain Wireless
LAN Antenna with 2.3GHz
to 2.5GHz Frequency**

SUMMARY:

This panel antenna delivers extended access point range in a single floor environment ideally positioned in the corner of a building. It functions from point-to-point so that you can wirelessly connect LANs between the buildings in a campus-type environment. It provides multiform transmission when placed on a ceiling, as the higher power output extends the range through typical flooring materials.

- Designed for long distance wireless communications
- Mounts easily for outside applications
- Designed to obtain maximum gain
- Made with weatherproof and corrosion resistant material

Technical information

Frequency	2400 - 2583MHz
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Gain	18 dBi
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Polarization	Vertical
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Beamwidth deg vertical & horizontal	Horz.75°Vert.45°
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SWR	≤1.5 : 1
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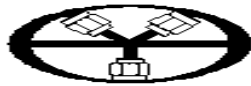
Impedance	50 Ohm
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Dimensions

Length	L263×W263×H30 mm
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Weight	800g
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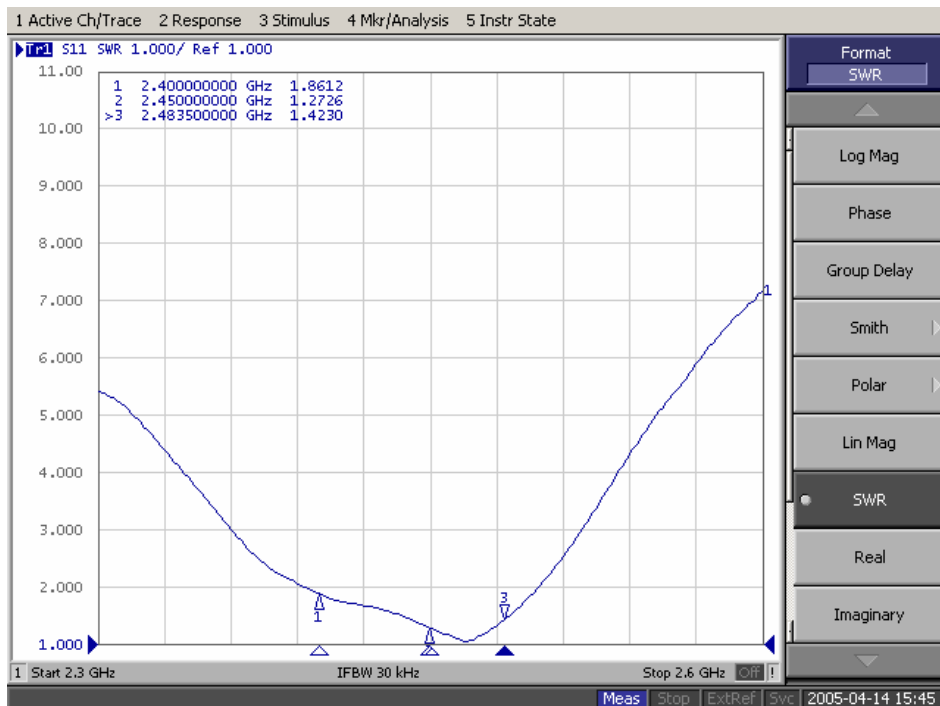
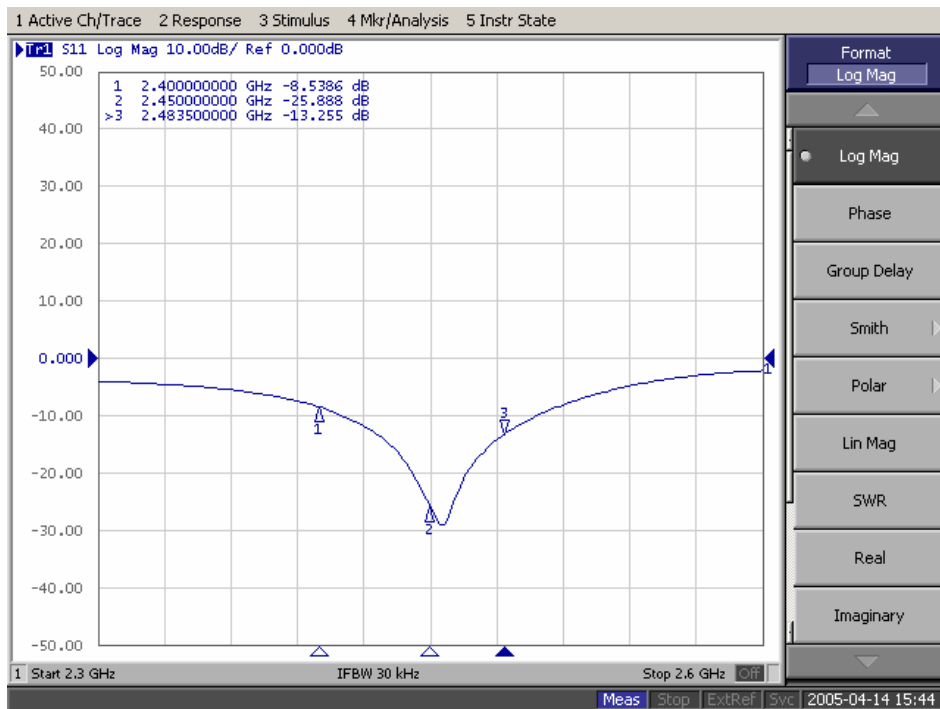
Connector	N-type / female
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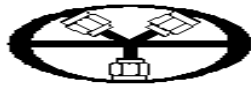


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5 Dec 2002 18:07:33
[CH1] RFL 1 U FS 1: 57.650 Δ 6.8203 Δ 443.06 pH 2 450.000 000 MHz

*

Cor

↑

2.45 GHz

CH1 Markers

2: 43.516 Δ
16.361 Δ
2.40000 GHz
3: 52.652 Δ
-42.773 Δ
2.50000 GHz

CENTER 2 450.000 000 MHz

SPAN 300.000 000 MHz

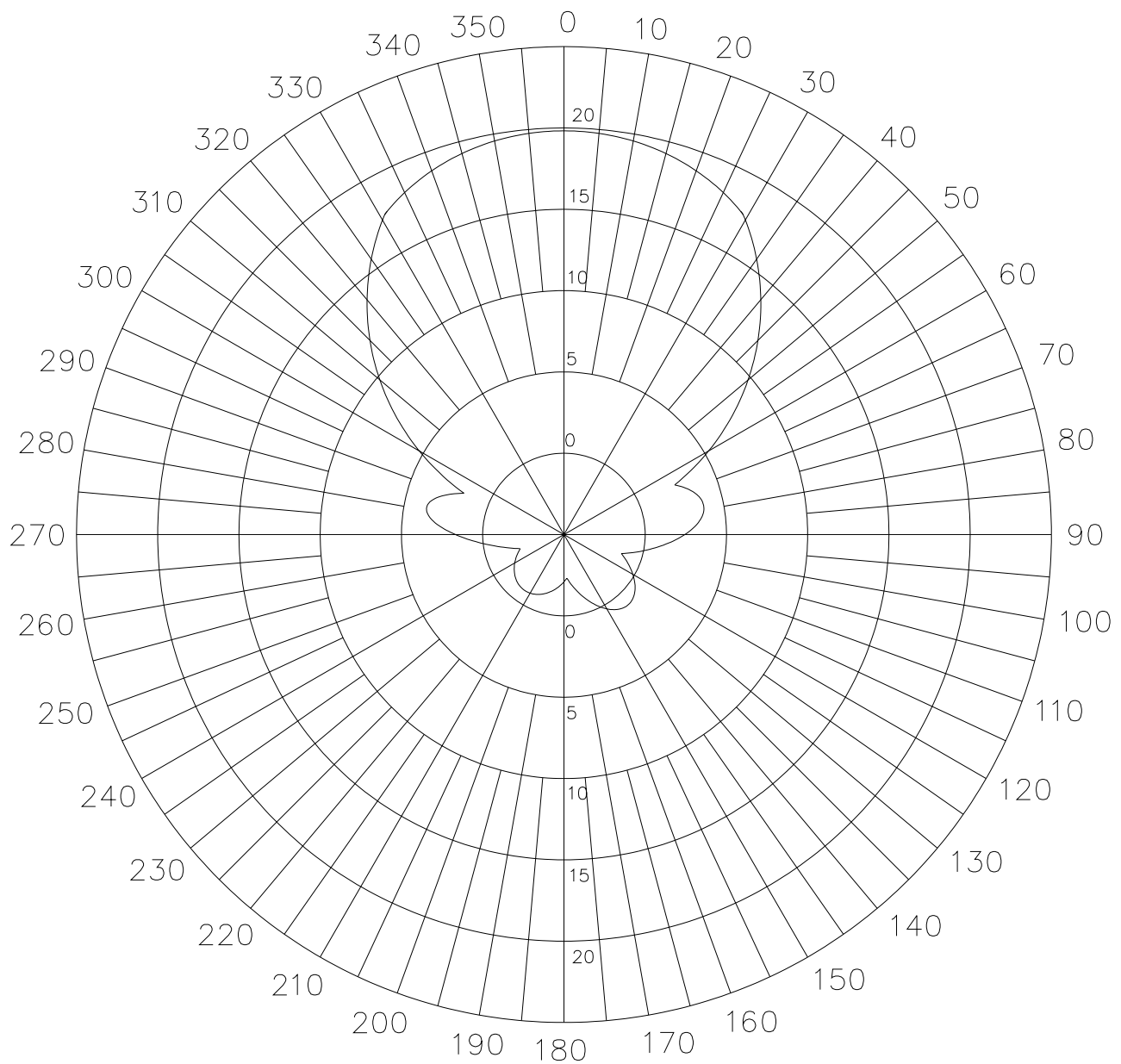


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H-PLANE FIELD PATTERNS



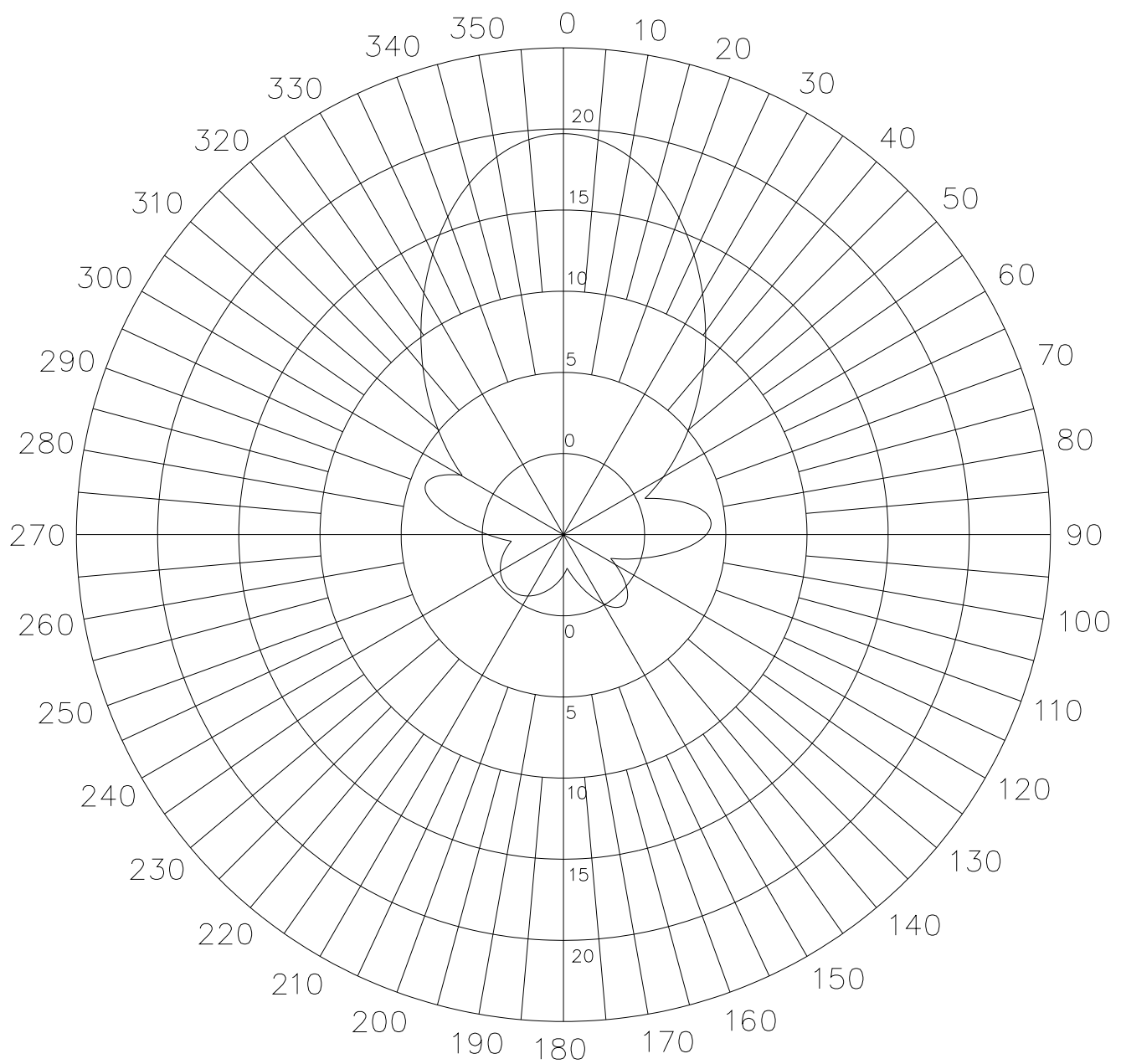


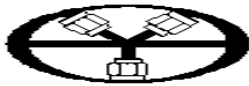
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E-PLANE FIELD PATTERNS





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REV	DESCRIPTION	DRAWN	DATE

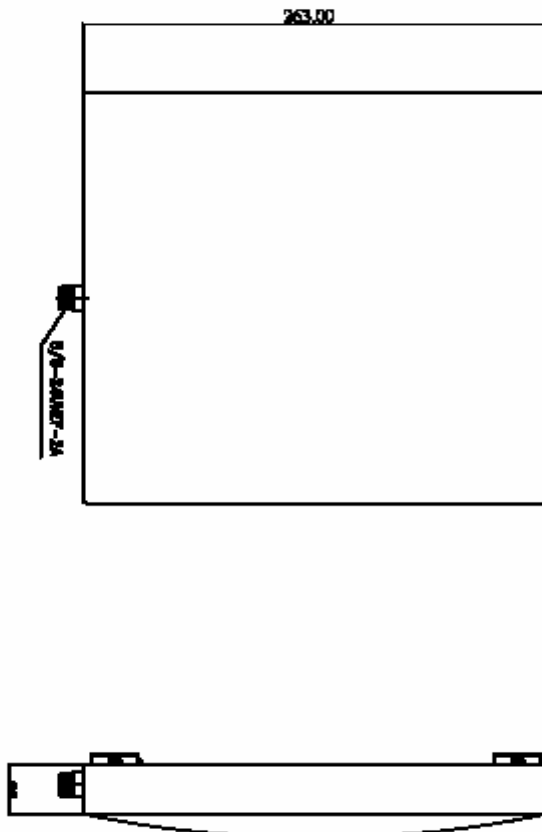
Key Specifications/Special Features:

* Panel antenna designed for wireless LAN communication

* Mounts easily for indoor or outside application

* Designed to obtain maximum gain

8	Gain (dBi)	18	Weight	900g
7	Type	Panel	Mount	N/A
6	Polarization	Vertical	Unit Price	USD50.00/pc
5	Beamwidth deg	Hertzor Vert:45°	MOQ	200pcs
4	SWR	≤1.5:1		
3	Frequency	2400-2483MHz		
2	Connector	N-Female		
1	Size	1400x340x30mm		



UNLESS OTHERWISE SPECIFIED
1. REMOVE ALL SURFACES &
2. EXPOSE ALL DIMENSIONS &
3. DIMENSIONS ON THIS MAX.
4. DIMENSIONS ON CONJUNCTION
5. ALL DIMENSIONS ARE
AFTER PLATING.

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

APPROVED
CHECKED
DRAWN
PEN
SCALE 7/8 UNITS IN
DRAWN DATE 08/21/04

華耀科技有限公司
Hwa Yao Technologies co.,Ltd
TITLE
1600m Gain Wireless LAN Panel Antenna
DRAWING NO.
PA-2450-18
REV A
FILE PATH\\1600m Gain Wireless LAN Panel Antenna\\PA-2450-18