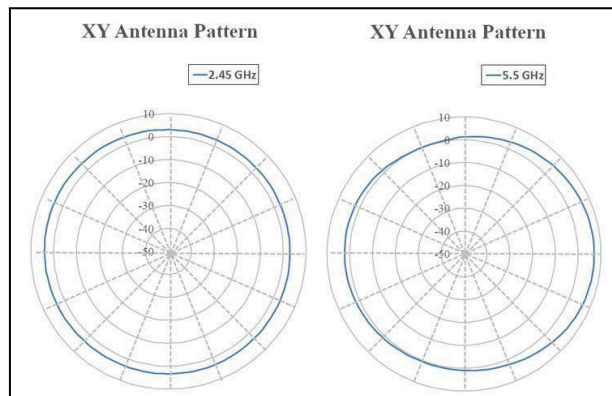# 5/ 7 dBi High Gain Antenna for 2.45/ 5 GHz WiFi Dual Band Application

Antenna Radiation Patterns

PRODUCT INFORMATION

5 / 7 dBi WiFi Dual Band High Gain Antenna	
Model Name	AP255H2NM
Brand Name	APEX

PRODUCT SPECIFICATIONS

Electrical	
Frequency	2400 MHz ~ 2500 MHZ / 5150 MHz ~ 5850 MHz
Gain	5 dBi / 7 dBi
VSWR	≦ 2.5
Efficiency	75 %
Polarization	Vertical
Impedance	50 ohms
Radiation	Omni-directional

Physical and Environmental		
Dimension (DxL)	mm	187 x ⌀22.8 mm
Weight	pcs/g	64.5g
Connector	-	N PLUG / Brass
Material	-	ABS
Operating Temperature	℃	-20 ~ +65

PACKING

PE BAG	1 piece in a PE bag
Carton	200 pieces in a carton
Gross Weight	15kg

OUTLINE

REV	ZONE	DESCRIPTION	ENG	APPROVED	DATE
A		New Release	CHRIS	LARRY	2021/9/27

187±3

Ø22.8±1

Ø20

① → Antenna Tube

②③④⑤

⑥ → N PLUG

ITEM	Name	Material	Finish
⑥	N PLUG	Brass	Ni
⑤	Cable	RG178	–
④	Sponge	EVA	–
③	PCB	Rogers	–
②	Heat Shrink Tube	–	Black
①	Antenna Tube	ABS	White

UNLESS OTHERWISE SPECFIED TOLERANCES ON : ±0.5

DATE: 2021/9/27
UNIT: MM
THIRD ANGLE PROJECTION

MAT'L:
FINISH: WHITE
SCALE: 1/1

APEX Innovation

TITLE : WiFi Outdoor Antenna

APPROVED BY:	CHECKED BY:	DESIGNED BY:	DRAWN BY:	WEIGHT:	MODEL NO. : AP255H2NM	REV
LARRY	LARRY	CHRIS	CHRIS	64.5g	PART NO. :	A

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APEX reserves the right to modify or amend any antenna or specification without prior notice.