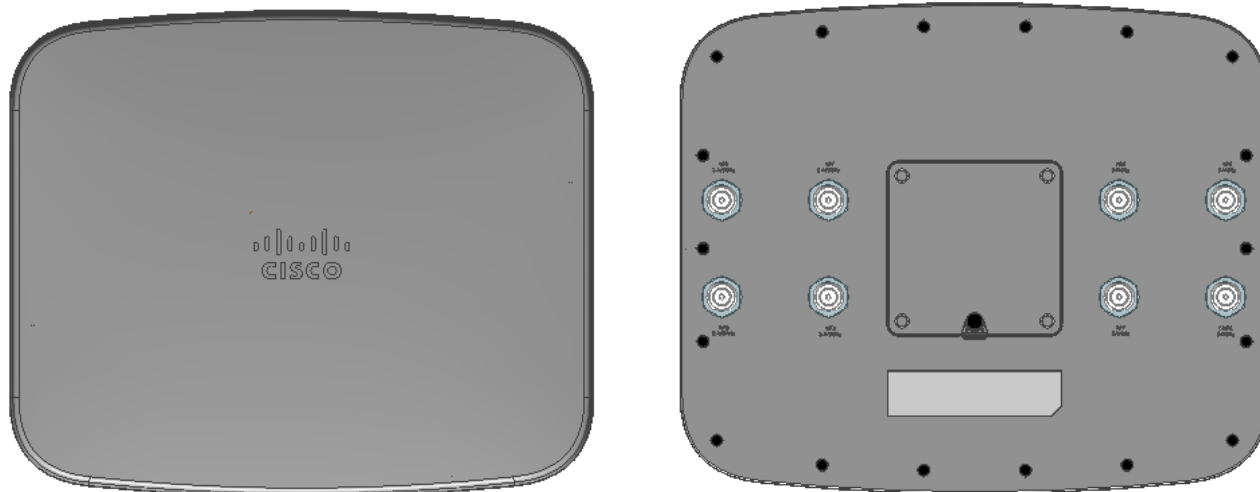




Model Specifications

Project Name: Yellowfin

Cisco PID: CW-ANT-T-D4-N

Cisco PN: 07-101017-01

WNC PN: 81VPAH15.G11

Author: WNC Corporation

Revision: 05

Revision Date: 2026/07/23

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Revision History

Rev. #	Author	Summary of Changes	Date
01		New Release	2025/12/30
02		Content modification	2026/01/20
03		Content modification	2026/06/03
04		Content modification	2026/07/08
05		Content modification	2026/07/23

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1. Introduction

Yellowfin is customized for Cisco Meraki as outdoor access points which support Tri-band(2.4/5/6GHz) operation antennas.

PID	TAN	CPN	JDM	MPN
CW-ANT-T-D4-N	07-101017-01	07-101017-01	WNC Corporation	81VPAH15.G11

2. Environmental conditions

2.1 Operating conditions

The antenna has the electrical characteristics given in Tables 1 in the temperature range of -40°C to +65°C and under the environmental conditions of +40°C and 0-95 % r.h.

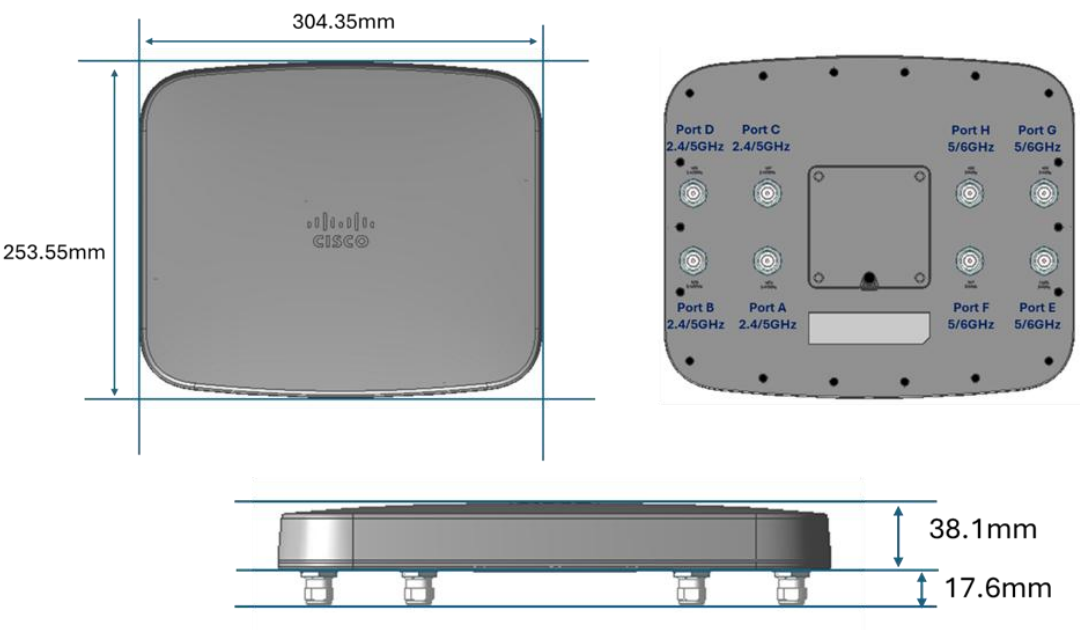
2.2 Storage temperature range

The storage temperature range of product is -40°C to +85°C.

2.3 Environmental Rating

The antenna can pass waterproof IP67 and Up to 100/165 mph wind (sustained/gust).

3. Shape and Dimension



4. Electrical Specifications

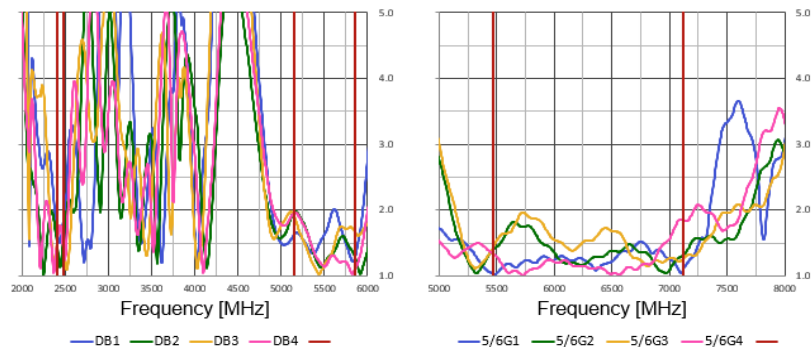
Electrical characteristics of antenna. The antenna has the electrical characteristics given in Table under WNC standard installation conditions shown in the figure.

No	Specification	Specification	Notes
1	Range of Receiving Frequency	2400 ~ 2484 MHz 5150 ~ 5850 MHz 5925 ~ 7125 MHz	
2	Connector Type	N-Type	
3	VSWR	< 2	
4	Efficiency	> 60%	
5	Gain(max)	2G : 8.2 5G : 7.6 6G : 7.8	Included LMR200 (4 ft) cable loss
6	3 dB Beamwidth Azimuth (avg.)	2G : 82° 5G : 87° 6G : 89°	
7	3 dB Beamwidth Elevation (avg.)	2G : 41° 5G : 36° 6G : 40°	
8	Isolation	In-band: 20dB Cross-band: 35dB	Test included LMR200 (4 ft) cable
9	Elevation gains above 30deg	UNII-1 : -4.0 dBi UNII-2 : -4.3 dBi UNII-5 : -2.8 dBi UNII-6 : -3.5 dBi UNII-7 : -3.6 dBi	Included LMR200 (4 ft) cable loss and DUT tilt 15 degree
10	Side Lobe Level (avg.)	2G : 22 dB 5G : 21 dB 6G : 20 dB	

11	Front to Back Ratio (avg.)	2G : 24 dB	
		5G : 20 dB	
		6G : 18 dB	

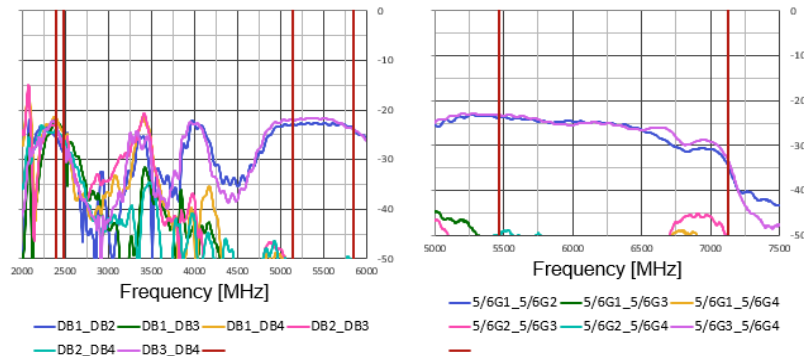
5.1 VSWR

VSWR

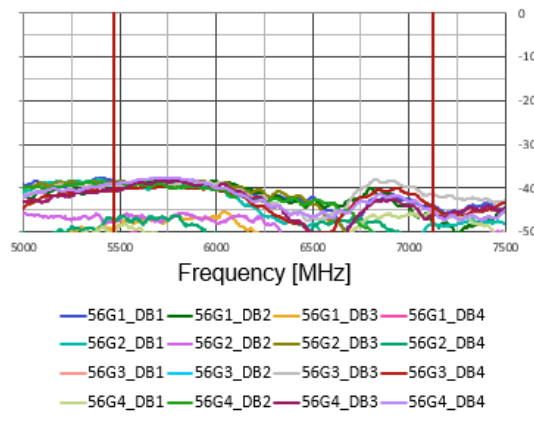


5.2 Isolation

Isolation In-Band



Isolation Cross-Band



5.3 Efficiency and Maximum Gain

Specification	2400-2484 MHz	5150-5850 MHz	5925-7125 MHz
Efficiency	> 60%		

Specification	2400-2484 MHz	5150-5850 MHz	5925-7125 MHz
Max Gain (dBi)	8.2	7.6	7.8

5.4 2D Radiation Pattern

