

HFDBV-NMOMNI-0909

IO Dual Band External Omni Directional Antenna, 2.4-2.5 & 5.18-5.85 GHz; 9dBi



Electrical Parameters

Frequency (MHz)	2400 – 2500	5180 - 5850
Gain (dBi)	9±0.5	9±0.5
VSWR	1.5 : 1 (Typ) 2 : 1 (Max)	1.5 : 1 (Typ) 2 : 1 (Max)
H Plane BW (°)	Omni Directional	
E Plane BW (°)	18 ± 1	
Polarization	Vertical	
Maximum Power Inputs (W)	50	
Impedance (Ω)	50	
Connector Termination	N(M)	

Mechanical Parameters

Dimension (mm)	ø 25 x 430±3
Color	White
Weight (gm)	140 ± 10
Radome Material	PVC

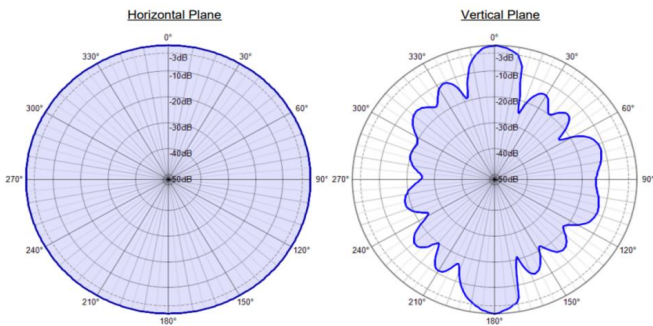
Applications and Features

Light weight
Low Profile / Compact Size
N(M) Connector to Directly interface on N(F) AP

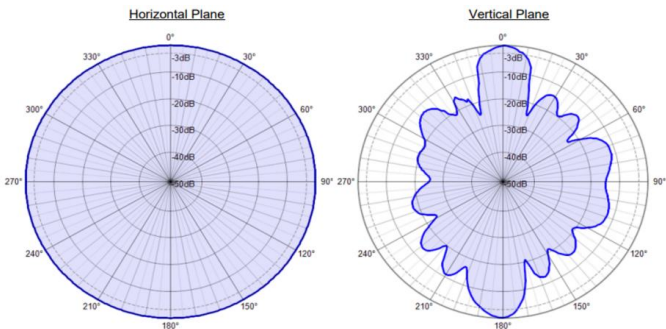
Environmental Limits

Temperature Range (°C)	(-) 40 to (+) 70
Wind Speed (km/hr)	200 (Survival) 150 (Operational)
Humidity	95% No Condensation
Water Proofing	IP 67

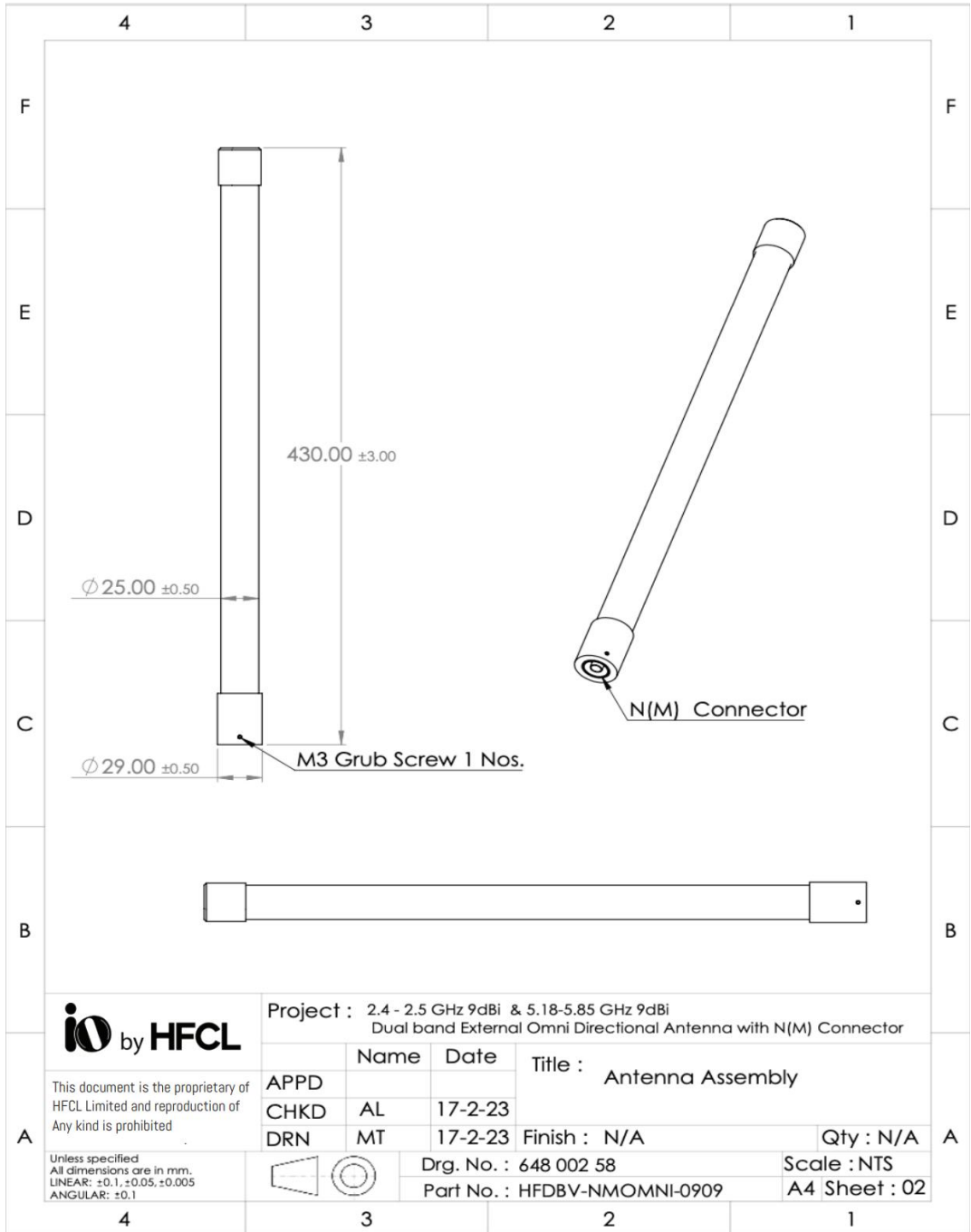
Radiation Pattern



Radiation Pattern 2450 MHz



Radiation Pattern 5500 MHz



Ordering Information	
Model No.	Description
HFDBV-NMOMNI-0909	IO Dual Band Wi-Fi Antenna, Omni, 9dBi, N-Male, 1x1

Last Updated May 28, 2024

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