

Multi-Band Mimo Omni Antenna

824~894 MHz, 1710~2170MHz 2300~2690 MHz / 0.5, 1.5dBi

CPWW-MDT-123

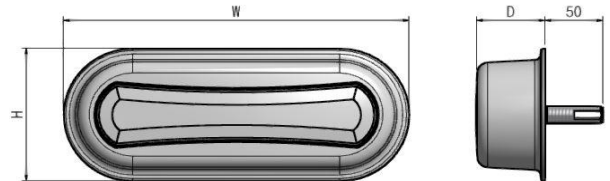
i. Electrical Specification

Frequency Range	824~894	1710~2170	2300~2690
Polarization	Vertical	Vertical	Vertical
Band Width	70MHz	460MHz	390MHz
Gain	≥ 0.5 dBi		≥ 1.5 dBi
Beam width	Horizontal	360°	
	Vertical	100°±25°	70°±25°
Isolation	≥ 15dB		
VSWR	1:1.8		
Impedance	50 Ω		
IMD (3rd)	≤ -150dBc @ 2x30dBm		
Maximum input power	PER PORT 50W		



ii. Mechanical Specification

Radom Dimension (HxWxD)	120 X 299 X 60 mm
Weight (Include bracket)	≤ 0.4 Kg
Connector Type	N-J (Female)
Radome Material	ASA
Radome Color	Cool Gray 1C
Mechanical Down Tilt	-
Temperature	-40 °C ~ 70 °C
Packing Size (H x W x D) 10SET	-
Packing Weight 10SET	-



iii. Radiation Pattern

Vertical Pattern
(Low Band)

Vertical Pattern
(High Band)