Indoor Directional Wall Mounted Antenna

IWH-090V08N0-D

- V Pol, 90° Horizontal Beamwidth
- 698-960/1710-2700MHz
- 5.5/7.5dBi

Electrical Specifications

Frequency Range (MHz)	698-960		
	698-824	790-894	880-960
Polarization	Vertical		
Gain (dBi)	4.0	5.0	5.5
Horizontal Beamwidth (°)	92	90	87
Vertical Beamwidth (°)	31	27	25
VSWR	≤1.8:1	≤1.5:1	

Frequency Range (MHz)	1710-2700		
	1710-1990	1920-2170	2300-2700
Polarization	Vertical		
Gain (dBi)	7.4	7.5	7.5
Horizontal Beamwidth (°)	82	84	103
Vertical Beamwidth (°)	52	55	58
VSWR	≤1.5:1		

IM3 (2x33dBm Carrier) (dBc)	<-140
Maximum Power per Port (W)	50
Impedance (Ω)	50

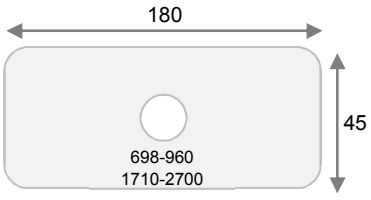
Mechanical Specifications

Dimensions, HxWxD (mm) / (in)	210x180x45 / 8.3x7.1x1.8
Shipping Dimensions, HxWxD (mm) / (in)	255x200x55 / 10.0x7.9x2.2
Net Weight, Antenna (kg) / (lb)	0.35 / 0.77
Shipping Weight (kg) / (lb)	0.43 / 0.95
Connector Type	1 x N Female
Connector Location	Top
Radome Material and Color	ABS, White
Operational Temperature (°C)	-30 to +45

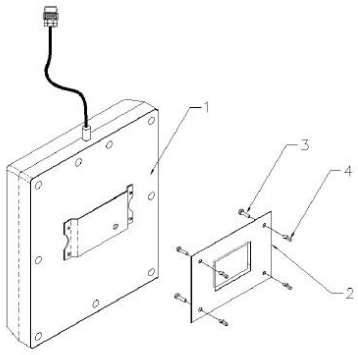
Outline Drawing



Connector Position



Installation Guide



Installation Steps

1) Drill four holes in wall per pattern of holes in plate (item 2) shown above
2) Attach flat side of plate (item 2) to wall using wall anchors (item 4) and screws (item 3)
3) Mount antenna (item 1), to plate (item 2)
4) Connect RF cable

©Comba Telecom. All rights reserved
Information contained in this document is subject to confirmation at time of ordering.
Specifications may differ depending on region and customers' requirements.