

DATA SHEET

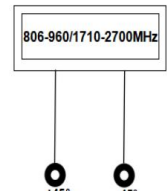
806-960/1710-2700MHz Dual Polarization Panel Antenna

P-806-2700-15

Main features

This dual polarization panel antenna is designed to receive and send RF signal

- High gain
- Easy installation
- UV stable ABS radome
- $\pm 45^\circ$ dual polarization

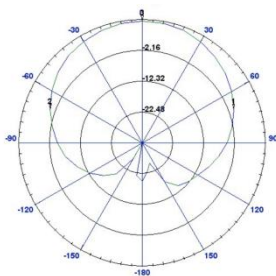


Electrical data

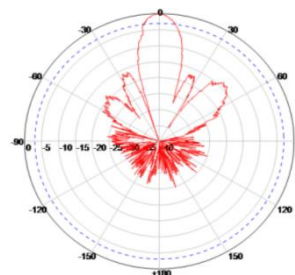
Frequency Range	806-960/1710-2700MHz
Gain	$15 \pm 1 / 17 \pm 1$ dBi
VSWR	≤ 1.5
Polarization	$\pm 45^\circ$
Horizontal Beamwidth (0°)	$65 \pm 10^\circ$
Vertical Beamwidth (0°)	$16 \pm 3^\circ / 7 \pm 3^\circ$
Front-to-back ratio(dB)	≥ 23
Isolation(dB)	≥ 25
3rd Order IMD (dBm)	(2@37dBm) ≤ -107 dBm
Input Impedance (Ω)	50Ω
Maximum input power(W)	100W
Input connector type	2*N-Female
Lightning Protection	DC Ground

Mechanical Data

Dimensions-mm(Height/Width/Depth)	1200*280*125mm
Packing size(mm)	1275*345*220mm
Antenna weight(kg)	10.5 ± 0.3 kg
Rated Wind Velocity (m/s)	36.9m/s
Operational Humidity(%)	10-95
Radome Color	Gray
Radome material	UPVC
Operating temperature($^\circ$ C)	$-30 \sim 65^\circ$
Installation Method	Pole Mounting
Mounting hardware(mm)	$\phi 35 \sim \phi 90$
Mechanical tilt($^\circ$)	0-15 $^\circ$
Dimensions-mm(Height/Width/Depth)	1200*280*125mm



Horizontal Pattern



Vector Pattern