



2.45 GHz Panel Antennas

Features

- Complete line of planar antennas
- Flat design provides high efficiency and low back lobes with minimal depth dimension
- Allowed in covenant controlled areas
- Easy installation saves time and money
- Mounting brackets included
- Protected from the environment (ice loading and wildlife)
- Supports all applications from 2.4 to 2.5 GHz (ISM, Home RF, 802.11b,  Bluetooth™).



Specifications

Electrical (typical)

Frequency
Gain
Polarization
Antenna design
Bandwidth - 1.5:1 VSWR
Horizontal beamwidth
Vertical beamwidth
Cross polarization
Maximum power input watts
Front-to-back ratio
Efficiency
Connectors

Lightning protection

Mechanical

Width - in (cm)
Height - in (cm)
Depth - in (cm)
Case material

Case color
Wind/ice loading area - in² (cm²)
Lateral thrust @100 mph - lbs (kg)
Torsional moment @ 100 MPH with
standard mounting - ft/lbs (m/kg)

Panel 8.5dBi

2.45 GHz
8.5dBi
Linear
Single patch
100 MHz
60°
60°
>30dB
100
>30dB
85%
SMA female,
TNC female,
N female
Direct ground

Panel 13dBi

2.45 GHz
13dBi
Linear
Four patch
100 MHz
38°
38°
>30dB
100
>30dB
75%
SMA female,
TNC female,
N female
Direct ground

Panel 19dBi

2.45 GHz
19dBi
Linear
Sixteen patch
100 MHz
18°
18°
>30dB
100
>30dB
70%
N female

Direct ground

8.5 (21.6)
8.5 (21.6)
1.125 (2.8)
High impact UV
stabilized plastic,
ultrasonically welded
White
26.5 (171)
5 (11)
0.1 (0.22)

8.5 (21.6)
8.5 (21.6)
1.125 (2.8)
High impact UV
stabilized plastic,
ultrasonically welded
Gray, other colors available on customer order
72 (466)
10 (22)
0.2 (0.22)

15.5 (39.4)
15.5 (39.4)
1.125 (2.8)
High impact UV
stabilized plastic,
ultrasonically welded
240 (1552)
15 (33)
0.4 (0.88)