



029308

2.45 GHz ISM 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
- Optional mounting brackets
- Protected from the environment (ice loading and wildlife)

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

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Panel 8.5dBi

2.45 GHz
8.5dBi
Linear
Single patch
100 MHz
60°
60°
>30dB
100
>30dB
85%

N female*

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Panel 13dBi

2.45 GHz
13dBi
Linear
Four patch
100 MHz
38°
38°
>30dB
100
>30dB
75%

N female*

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Panel 19dBi

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

N female

Lightning protection

Direct ground

Direct ground

Direct ground

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)

5.15 (13.1)
5.15 (13.1)
.82 (2.1)
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)



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* TNC female and SMA female connectors are available on request.