




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

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

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)

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)