

2.4 GHz Directional Antennas

8.5 dBi Patch Antenna

Data Sheet

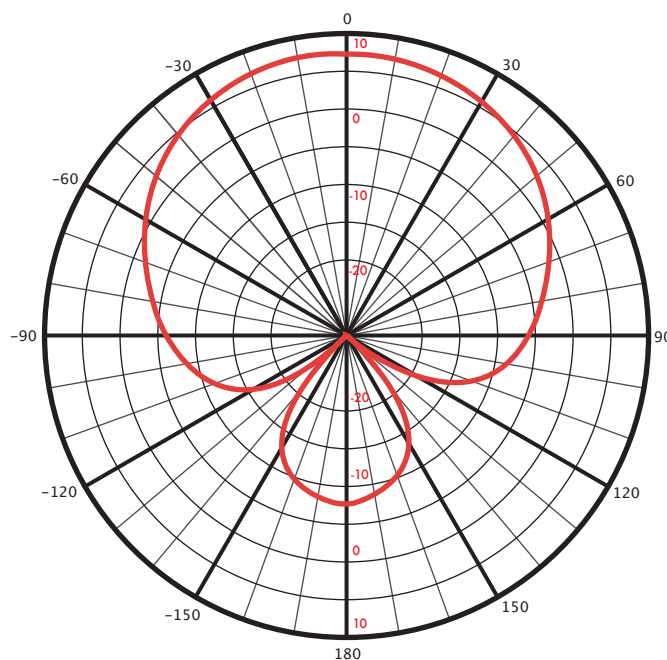
P/N: PATCH-8-ANT

Specifications

Frequency	2.45 GHz
Gain	8.5 dBi
Antenna design	Single patch
Polarization	Linear
Bandwidth 1.5:1 VSWR	100 MHz
Horizontal beamwidth	60°
Vertical beamwidth	60°
F/B Ratio	≥30 dB
Cross Polarization	≥30 dB
Maximum power input	100 watt max
Lighting protection	Direct ground



Azimuth Pattern Gain (dBi)



Physical Characteristics

Dimensions	5.15 X 5.15 X 0.82 in (131.1 x 131.1 x 2.1 cm)
Case color	White
Connector	SMA-Male
Case material	High impact UV stabilized plastic, ultrasonically welded
Wind/ice loading area-in ² (cm ²)	26.5 (171)
Lateral thrust @ 100 mph-lbs (kg)	5 (11)
Torsional moment @ 100 mph with standard mounting-ft/lbs (m/kg)	0.1 (0.22)

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