

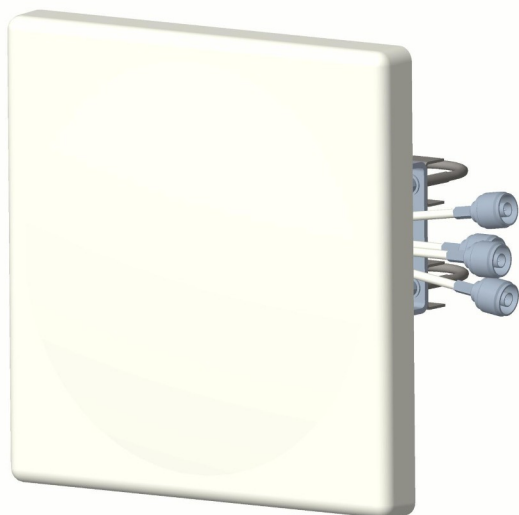


DUAL POLARIZATION FLAT ANTENNA

GLVH2471G10BKRY 2400-2500/5150-6000/6000-7125 MHz Dual Polarization Flat Antenna

MODEL GLVH2471G10BKRY

Tri-band dual-polarization flat antenna covering 2400-2500, 5150-6000 and 6000-7125 MHz for three-band WiFi 7 systems, supporting 802.11a/b/g/n/ac/ax/be MIMO.



KEY PERFORMANCE

2400-2500 / 5150-6000 / 6000-7125 MHz

FREQUENCY RANGE

9.5 / 11 / 12 dBi

PEAK GAIN (WITHOUT CABLE)

<= 2.0

VSWR

4 x N male

CONNECTOR

TECHNICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

Frequency band	2400-2500 / 5150-6000 / 6000-7125 MHz
Polarization	Vertical and horizontal
Peak gain (without cable)	9.5 / 11 / 12 dBi
Typical horizontal plane 3-dB BW	60° / 55° / 45°
Typical vertical plane 3-dB BW	55° / 50° / 40°
VSWR	<= 2.0
Isolation	>= 30 dB
F/B ratio	>= 20 dB
Impedance	50 ohm
Max. power	50 W

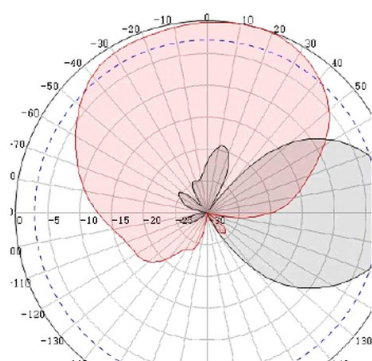
MECHANICAL SPECIFICATIONS

Connector type	4 x N male
Connector position	Back / exposed RG58 cable 920±10 mm
Radome material	ABS
Radome color	White
Dimensions	261 x 261 x 30 mm
Weight	Antenna 1.05, bracket 0.5
Operating temperature	-40°C to +60°C
Rated wind velocity	55 m/s
Mounting type	Mast and wall mounting
Bracket	JM-VB17
Mast / wall diameter	Support pole dia. 30-50 mm / wall hole 57 x 57 mm @ M6 x 60 mm expansion bolts

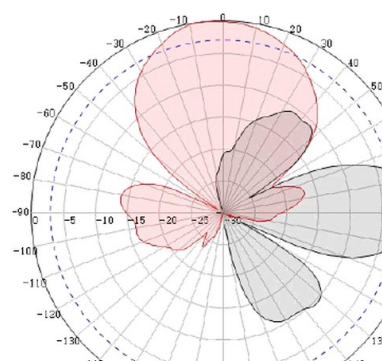
NOTES

Values are taken from the source specification tables. The source lists antenna weight under a '(g)' table header with values 1.05 (antenna) and 0.5 (bracket); the values indicate kg and are reproduced as stated.

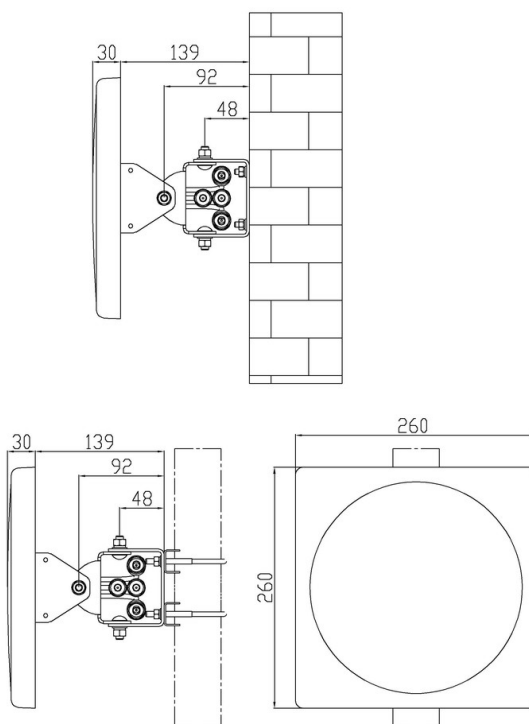
RADIATION PATTERNS & INSTALLATION



Radiation Pattern @ 2.4 GHz



Radiation Pattern @ 5/6 GHz



Installation Sketch

FIGURE NOTES

Radiation pattern @ 2.4 GHz

Measured horizontal and vertical plane patterns, 2400-2500 MHz band

Radiation pattern @ 5/6 GHz

Measured horizontal and vertical plane patterns, 5150-6000 / 6000-7125 MHz bands

Installation sketch

Mast and wall mounting dimensions in mm

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NEED A CUSTOM CONFIGURATION?

Frequency, connector, cable length and mounting options can be reviewed for your project.

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