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# AD-49S

## 4.4 - 5.0 GHz Omni directional Antenna 9 dBi

### Recommend for Japanese band 5G N79

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The AD-49S is a very compact yet high performance omnidirectional WiFi antenna designed for the 4.4-5.0 GHz ISM and UNII band. It is ideally suited for multipoint and mobile applications where high gain and wide coverage is desired.

The AD-49S construction features a fiberglass radome for durability and aesthetics. Included with the antenna, the mounting system features a heavy-duty steel bracket and U-Bolt for superior strength.

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Electrical and Mechanical Specifications	
Frequency	4400-5000 MHz
Gain	9 dBi
Horizontal Beam Width	360 degrees
Vertical Beam Width	16 degrees
Connector	N Female
VSWR	< 1.5:1 avg.
Impedance	50 Ohm
Max. Input Power	100 Watts
Weight	0.44 lbs. (0.2 kg)
Dimensions	0.78" (20 mm) Dia. x 12.0" (305 mm)
Mounting	2" (50.8 mm) dia. mast max.
Radome Material	Gray Fiberglass
Operating Temperature	-40° C to to 85° C(-40° F to 185° F)

RF Antenna Gain Patterns

