

Outdoor Antennas UNI-24

UNI-24, Outdoor Directional Antenna

The UNI-24, 24 dBi, directional antenna can be used with the [BreezeNET PRO.11 D Model Bridges](#) and [DS.11 Outdoor Bridges](#). It is primarily designed for long range, outdoor point-to-point links and can achieve ranges of up to eight miles with the PRO.11 D models, and 15 miles with the DS.11 bridges, using UNI-24s at both ends of the link.

The UNI-24 antenna attaches to the female connector on the PRO.11 D Model Bridges and the DS.11 Outdoor Bridges and provides a six degree horizontal/10 degree vertical transmission. Click [here](#) to view BreezeNET PRO.11 Range Table. Click [here](#) to view the BreezeNET DS.11 Range Table.



SPECIFICATIONS	
Antenna:	
Antenna Gain*	24 dBi
Kit Gain†	19 dBi
Frequency Range	2.4 to 2.5 GHz
Impedance	50 Ohms
Dispersion	7.5° horizontal/7.5° vertical
Polarization	Vertical or horizontal
VSWR	1:4:1
Front to back ratio	> 31 dB
Cross polarity rejection	> 26 dB
Dimensions	24" x 36" x 15"; 610 x 915 x 381mm
Operating temperature range	-86° to 158° F; -30° to 70° C
Wind loading	97 lbs @ 100 mph; 44 kg @ 160 mph
Weight	5.4 lbs; 2.43 kg
Housing	Magnesium alloy reflector
Mounting	Mast, standard; wall, optional
Cable:	
Type	LMR 400
Length	50'
Connector	Proprietary SMA male
Attenuation	3.5 dB
Impedance	50 Ohms

* Antenna gain is the gain of the antenna without the cable.

† Kit gain is the actual gain of the antenna kit as it is shipped from BreezeCOM.

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