

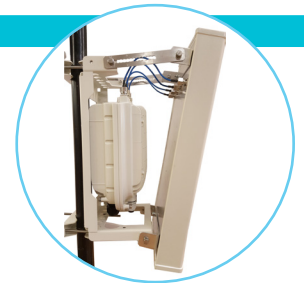


Attached Antenna 3.3-3.8 GHz, 65 deg, 4x4 KIT (PN 300794)

1. Target Application

The 4x4 antenna was specifically designed for the BreezeCOMPACT 1000. Its optimized performance and features, including maximized spectral efficiency, superior electrical performance, small size and easy installation, help ensure cost efficient operation.

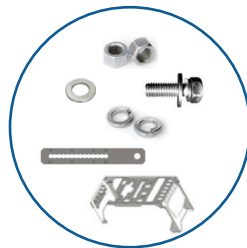
The mechanical architecture reduces the form factor per sector of a 4x4 BreezeCOMPACT 1000 solution, minimizing the required tower space which reduces OPEX and maintenance costs.



2. Mounting Kit Contents (PN 300794)

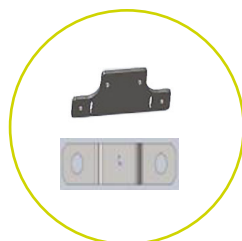
The BreezeCOMPACT 1000 attached antenna mounting kit includes:

- 1.** Antenna 4x4
3.3-3.8 GHz,
65 deg, 4 ports
- 2.** Attached Antenna
Mounting kit
(Cradle + Antenna Arm)
- 3.** 4xRF cables –
N-type



3. Accessory

GPS bracket
PN 300727
(Not included in the kit)



Antenna Specifications

Antenna - Electrical	
Frequency Range:	3300 MHz - 3800 MHz
Gain:	17.5 dBi
No. of Ports	4
VSWR	1.5 :1
Polarisation:	+/-45° Slant
Horizontal 3dB BW:	65°
Vertical 3dB BW:	7.5°
Cross Polarization	-20 dB
Port To Port Isolation	> 30dB
Front to Back Ratio:	> 30dB
Electrical Down Tilt	0°
Input Impedance	50 (ohm)
Mechanical	
Connectors:	4 x N Type Female
Connector's Location:	Back side
Dimensions (L x W x D):	594 x 281 x 92 mm 23.4 x 11.1 x 3.6 in
Weight:	2.5 kg 5.5 lbs
Radome:	Plastic UV Resistant
Environmental	
CRated Wind Velocity:	220 km/h (136 mph)
Lightening Protection:	DC Grounded
Temperature:	-40°C to +70°C -40°F to +158°F
Regulatory Compliance	
ETSI/RoHS Compliance	ETSI EN 302 326 V.1.1.2 (2006-03) - RoHS, CE
RF Cables	
Cable Type	SEMI FLEX
Connectors	N Type
Temperature:	-55°C to +125°C -67°F to +257°F
Attached Mount KIT	
Dimension	A=480 mm, B=290 mm A=18.9 in, B=11.4 in
Weight	8.5 kg 18.7 lbs
Mechanical Tilt	+3° to -10°
Pole Diameter	50 to 150 mm 2 to 5.9 in

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