

□ **Electrical specification**

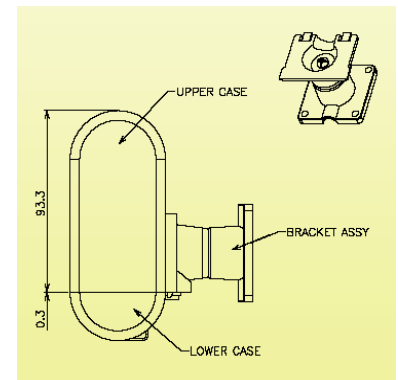
Beam width	2496-2690 MHz
Polarization	Vertical
Gain (dBi)	>8
VSWR	≤ 1.5
Vertical beam width	>55
Horizontal Beam width	>60
F/B ratio	15
IMD	-153dBc
Impedance	50 Ohm
Max power	100 W



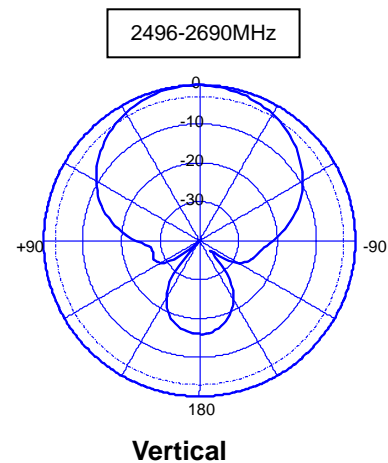
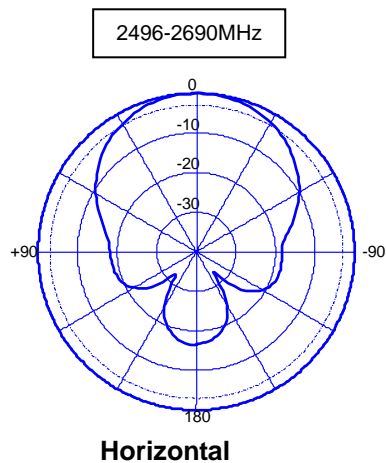
□ **Mechanical specification**

Size	108x118x50mm
Packing size	150x130x60mm
Weight	380g
Connector	1 x N-female
Mount	Wall
Radome	ASA

Installation



□ **Beam pattern**



Electrical Specification

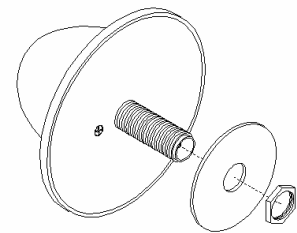
Frequency range	2496-2690MHz
Polarization	Vertical
Gain	2dBi
Horizontal beam width	360°
Vertical beam width	100°
VSWR	$\leq 1.5 : 1$
Impedance	50 Ohm
Max. Power rating	5 W



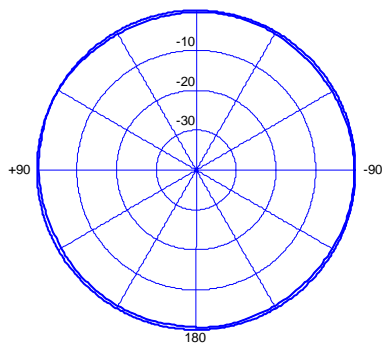
Mechanical Specifications

Dimension (L x W x H)	$\Phi 118 \times 45$ mm
Weight (excl. Brackets)	0.15 kg
Connector	1 x N- Female
Mounting	Ceilling

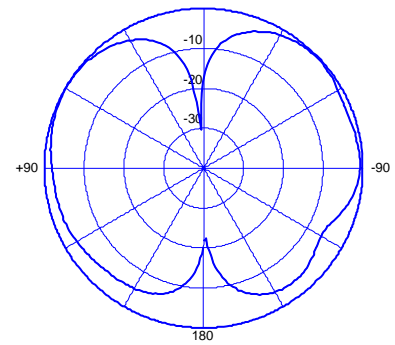
Installation



Radiation Pattern



Horizontal Pattern



Vertical Pattern

Electrical Specification

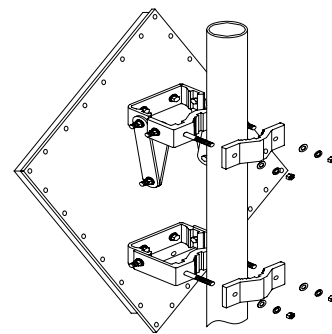
Frequency range	2496-2690 MHz
Polarization	Vertical
Gain	>19dBi
Horizontal beam width	$19^{\circ} \pm 3^{\circ}$
Vertical beam width	$19^{\circ} \pm 3^{\circ}$
VSWR	< 1.5
First sidelobe suppression	> 20dB
Impedance	50 Ohm
Front-to-back ratio	> 40dB
Max. Power rating	200 W



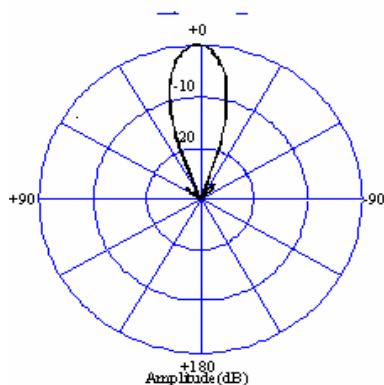
Mechanical Specifications

Dimension (L x W x D)*	530 x 530 x 65mm
Shipping Dimension	630 x 630 x 250 mm
Weight (excl. Brackets)	5 kg
Connector	1 x 7/16-female
Mounting	Pole or wall
Radome (color)	ABS
Wind load (at 150 km/h)	Front: 534 N Side: 107 N Rear: 534 N

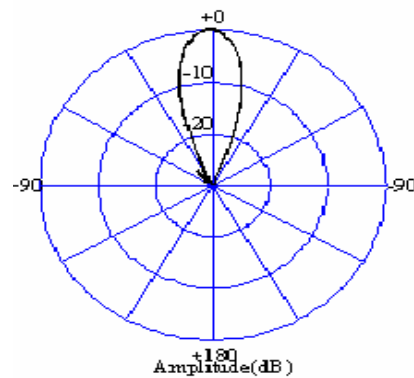
Installation



Radiation Pattern



Horizontal Pattern



Vertical Pattern

Electrical Specification

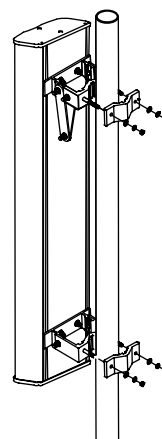
Frequency range	2496-2690 MHz
Polarization	Vertical
Gain	17 dBi
Horizontal beam width	45°
Vertical beam width	7°
VSWR	< 1.5
First sidelobe suppression	15dB
Impedance	50 Ohm
Front-to-back ratio	>40dB
Max. Power rating	300 W



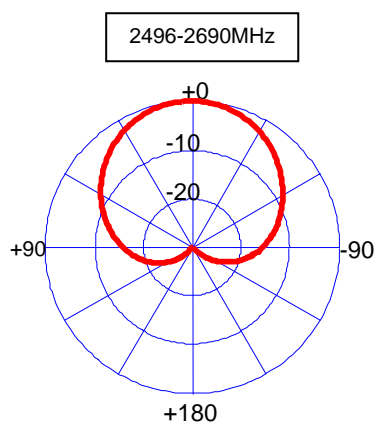
Mechanical Specifications

Dimension (L x W x H)	1300 x 300 x 110 mm
Shipping Dimension	1410 x 364 x 215 mm
Weight (excl. Brackets)	9.5 kg
Connector	1 x 7/16-female
Mounting	Pole
Radome (color)	FRP (Grey)
Wind load (at 150 km/h)	Front: 534 N Side: 107 N Rear: 534 N

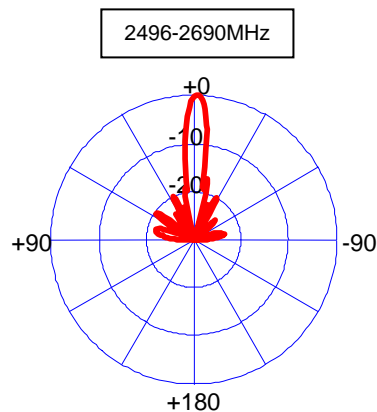
Installation



Radiation Pattern



Horizontal Pattern



Vertical Pattern

Electrical Specification

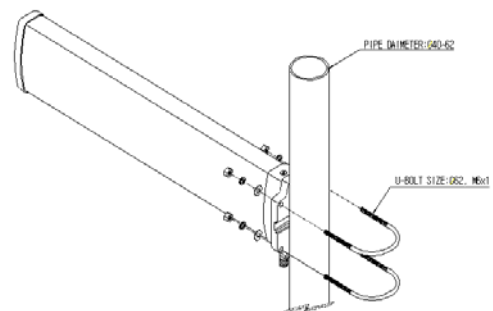
Frequency range	2496-2690MHz
Polarization	Vertical
Gain	12dBi
Horizontal beam width	35°
Vertical beam width	33°
VSWR	≤ 1.5 : 1
Impedance	50 Ohm
Max. Power rating	10 W



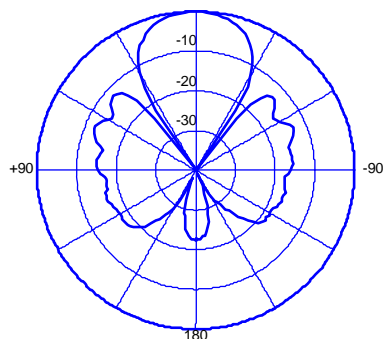
Mechanical Specifications

Dimension (L x W x H)	417x110x82 mm
Shipping Dimension	450x180x88 mm
Weight (excl. Brackets)	0.7 kg
Connector	1 x N- Female
Mounting	Pole

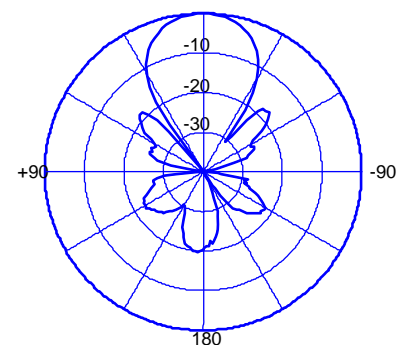
Installation



Radiation Pattern



Horizontal Pattern



Vertical Pattern