

Type Lens Antenna LA3338-01

Frequency Range	3300-3800x3
Polarization	±45°
Half-Power Beam Width	28-19°
Electrical Downtilt	2° - 12°

**Electrical Specifications**

Frequency Range (MHz)	3300~3800 (x3)		
	3300-3400	3400~3600	3600~3800
Polarization	±45°		
Gain (dBi)	16	16.5	17
<b>Horizontal Pattern</b>			
Half-Power Beamwidth	28	24	19
Front-to-Back Ratio	25dB	25dB	25dB
<b>Vertical Pattern</b>			
Half-Power Beamwidth	18.1	15.3	12.2
Electrical Downtilt Range	See options below		
Upper Sidelobe Suppression (+ 20 deg)	<-15dB	<-15dB	<-15dB
VSWR	≤ 1.5		
Isolation Port to Port - Polarization	≥ 24dB		
Max. Power per Input	200 W		
Impedance	50 Ω		
Lightning Protection	DC ground		

Note: All the values are according to NGMN Alliance BTS Standards calculating commendation.

**Mechanical Specifications**

Connector	6 x 4.3-10 DIN(F)
Connector Position	Bottom
Radome Material	Fiberglass
Radome Color	Gray
Operating Temperature	-40 °C~65 °C
Humidity	95% RH@+30 °C
Rated Wind Speed	200 km/h, 125 mph
Rated Wind Loading (Rear)	200 N@ 150 km/h
Mounting Hardware	Φ50 ~ Φ115 mm
Antenna Weight	10.9 kg
Packing Weight	16.8 kg
Antenna Size (LxWxH)	550 x 300 x 300 mm
Packing Size (LxWxH)	830 x 437 x 430 mm

**RET Specifications**

Input voltage range	10-30 V
Power Consumption	< 1 watt (standby)
Protocols Compliant	3GPP / AISG 2.0 / AISG 1.1

**Electrical Angle Tilt Range**

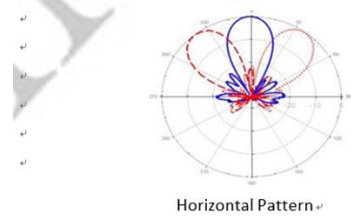
2  
C H : 2° ~ 12°

**Electrical Tilt adjustment**

Pluggable RET  
(1 AISG M/F interface per antenna)



3300-3800 MHz +45° / -45° Polarization (3600MHz)



3300-3800 MHz +45° / -45° Polarization (3600MHz)

