

350-6000MHz SISO Omni Antenna

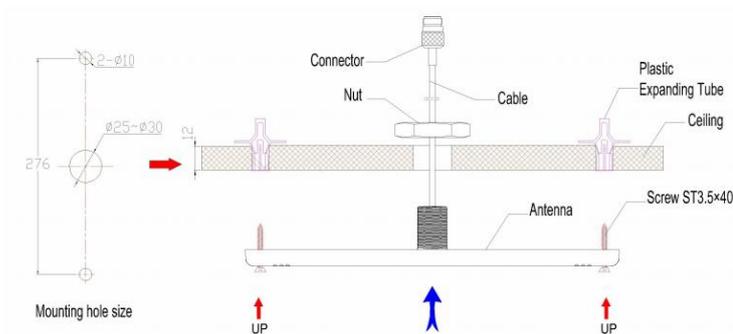


Key Features:

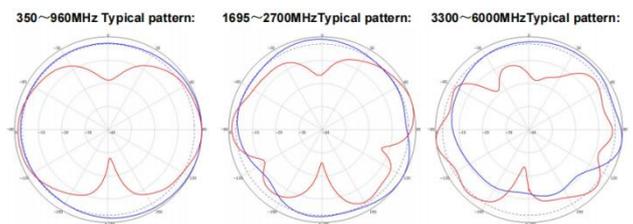
- Wideband Omni Antenna, coverage frequency band 350-6000 MHz
- Typically used indoor distribution of GSM/CDMA WIFI /3G/LTE and 5G service
- High gain , Low return loss , Low PIM ,stable performance

Frequency band	350~520MHz	617~960MHz	1695~2700MHz	3300~4200MHz	4800~6000MHz
	80-2690&3300-5925MHz				
Polarization	Linear or Horizontal				
Peak Gain (dBi)	4	4	6	7	7
Horizontal beam width (°)	360 , omnidirectional				
Typical Vertical beam width (°)	120	90	80	50	40
Impedance (Ω)	50				
VSWR	≤1.8	≤1.5			
Intermodulation IM3 (2×43dBm carrier)	/	≤-153 dBc	≤-153 dBc	≤-153 dBc	/
Maximum power (W)	50				
Radome material	ABS				
Radome color	White (RAL 9003)				
Operating humidity (%)	5~95				
Operating temperature (°C)	-40~60				
Application	Indoor				
Mounting	Fixed with nut				

Installation Sketch



Radiation Pattern



Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-ANT-3560-SISO-OMNI-43	≤0.3	Ø300*54	4.3-10/ Female
BR-ANT-3560-SISO-OMNI-N	≤0.3	Ø300*54	N/ Female

698-3800MHz MIMO Omni Antenna

Key Features:

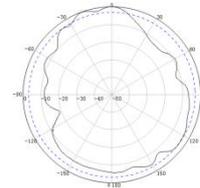
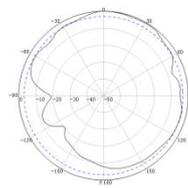
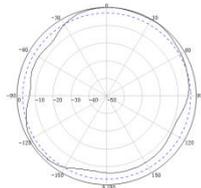
- Wideband Omni Antenna, coverage frequency band 698-3800 MHz
- Typically used indoor distribution of GSM/CDMA WIFI /3G/LTE and 5G service
- High gain , Low return loss , Low PIM ,stable performance



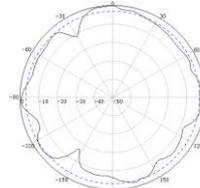
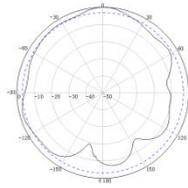
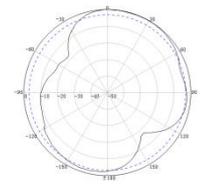
Frequency band	698-960MHz	1710-2700MHz	3300-3800MHz
Polarization	Linear×2		
Gain (dBi)	2.5±0.5	4.5±1.0	5.0±1.0
Horizontal Beam width	360°		
VSWR	≤2.0		
Vertical Beam width(°)	85	45	40
Isolation(dB)	>17	>20	
3rd PIM(dBc)	≤-150dBc@2*33dBm		
Total Input Power(W)	50		
Impedance (ohm)	50		
Lightning Protection	DC Ground		
Working Temp(deg)	-40~+55		

Radiation Pattern

Horizontal pattern



Vertical pattern



900MHz

1710MHz

2500MHz

Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-ANT-0638-MIMO-OMNI-43	≤1.2	Ø310*45	4.3-10/ Female
BR-ANT-0638-MIMO-OMNI-N	≤1.2	Ø310*45	N/ Female

698-3800MHz MIMO Panel Antenna

Key Features:

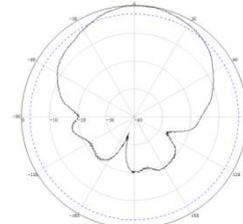
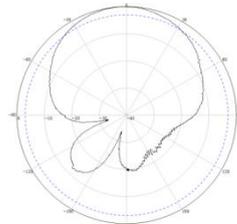
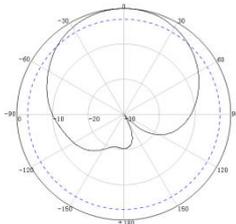
- Wideband Panel Antenna, coverage frequency band 698-3800MHz
- Typically used indoor distribution of GSM/CDMA WIFI /3G/LTE and 5G service
- High gain , Low return loss , Low PIM ,stable performance



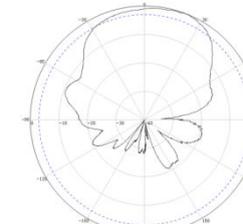
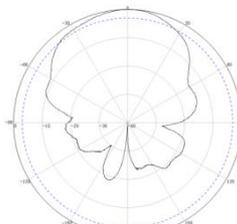
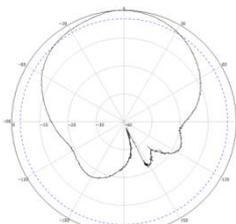
Frequency band	698-960MHz	1710-2700MHz	3300-3800MHz
Polarization	±45		
Gain (dBi)	7±1	8±1	8±1
Horizontal Beam width(°)	70±5	65±5	60±5
Vertical Beam width	65	60	55
Isolation(dB)	≥18	≥25	≥25
Front-To-Back Ratio	≥12	≥15	≥15
VSWR	≤2.0		
3rd PIM(dBc)	≤-150dBc@2*33dBm		
Total Input Power(W)	50		
Impedance (ohm)	50		
Lightning Protection	DC Ground		
Working Temp(deg)	-40~+55		
Radome Material	ABS (UV Stabilized)		

Radiation Pattern

Horizontal pattern



Vertical pattern



900MHz

1710MHz

2500MHz

Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-ANT-0638-MIMO-PA-43	≤1.2	Ø310*45	4.3-10/ Female
BR-ANT-0638-MIMO-PA-N	≤1.2	Ø310*45	N/ Female

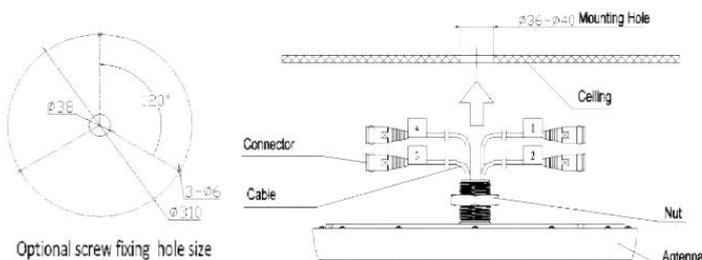
5G MIMO Omnidirectional Ceiling Antenna

Key Features:

- Wideband frequency range covering multiple frequency ranges for versatile indoor applications
- Typically used indoor distribution of GSM/CDMA WIFI /3G/LTE and 5G service
- High gain , Low return loss , Low PIM ,stable performance

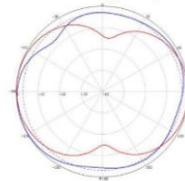
Frequency band	350~520MHz	617~960MHz	1695~2700MHz	3300~4200MHz	4800~6000MHz
	80-2690&3300-5925MHz				
Polarization	Linear or Horizontal				
Peak Gain (dBi)	4	4	6	7	7
Horizontal beam width (°)	360 , omnidirectional				
Typical Vertical beam width (°)	120	90	80	50	40
Impedance (Ω)	50				
VSWR	≤1.8	≤1.5			
Intermodulation IM3 (2×43dBm carrier)	/	≤-153 dBc	≤-153 dBc	≤-153 dBc	/
Maximum power (W)	50				
Radome material	ABS				
Radome color	White (RAL 9003)				
Operating humidity (%)	5~95				
Operating temperature (°C)	-40~60				
Application	Indoor				
Mounting	Fixed with nut				

Installation Sketch

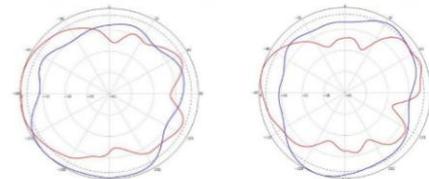


Radiation Pattern

617 ~ 960MHz typical pattern:



1710 ~ 2700MHz typical pattern: 3300 ~ 3800MHz typical pattern:



Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-ANT-0660-MIMO-OMNI-43	≤1.2	Ø310*45	4.3-10/ Female
BR-ANT-0660-MIMO-OMNI-N	≤1.2	Ø310*45	N/ Female

617-7200MHz Omnidirectional vehicle antenna

Key Features:

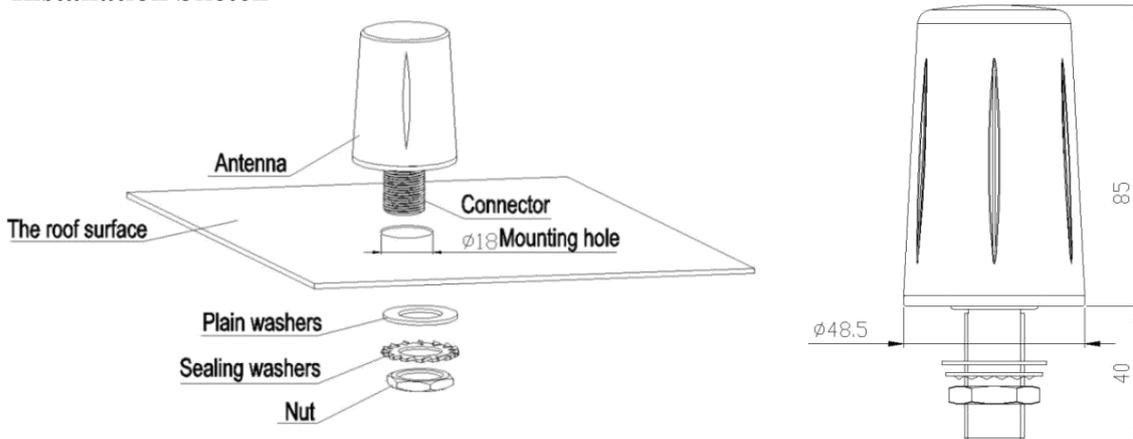
- Wideband Omni Antenna, coverage frequency band 617-7200 MHz
- Typically used indoor distribution of GSM/CDMA WIFI /3G/LTE and 5G service
- High gain , Low return loss ,stable electrical performance

Product picture



Frequency band	617~960MHz	1695~2700MHz	3300-7200MHz
Polarization	Vertical		
Maximum Gain (dBi)	3	5	7
Horizontal beam width (°)	360		
Vertical beam width (°)	75	50	30
Impedance (Ω)	50		
VSWR	≤3.0	≤2.5	
Maximum power (W)	50		
Radome material	ABS		
Waterproof	IP65		
Operating temperature (°C)	-40~60		

Installation Sketch

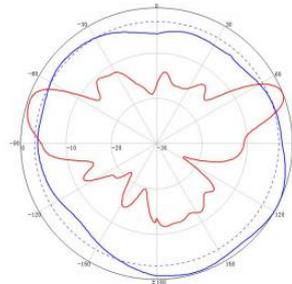
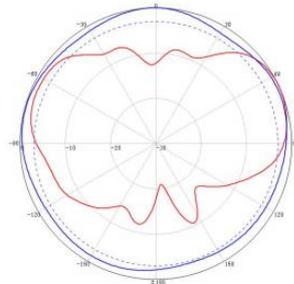
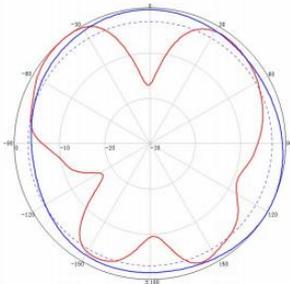


Radiation Pattern

617~960MHz Typical pattern:

1710~2700MHz Typical pattern:

3300~7200MHz Typical pattern:



Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-ANT-0672-OMNI--VEHI-43	≤0.3	Ø48.5*85	4.3-10/ Female
BR-ANT-0672-OMNI-VEHI-N	≤0.3	Ø48.5*85	N/ Female

698-3800MHz Electrical Down tilt MIMO Antenna

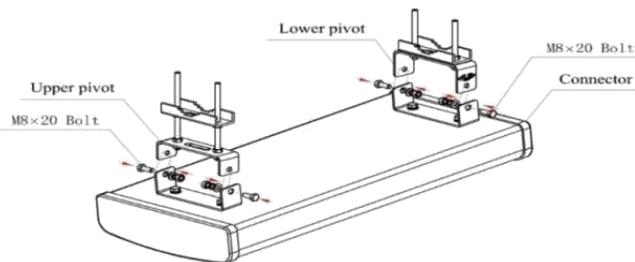
Key Features:

- Wideband MIMO antenna covering low and high bands for multi-system compatibility
- High isolation and stable performance in complex RF environments
- Excellent PIM performance ensures clear and reliable signal transmission
- Ideal for outdoor DAS, 4G/5G base station and small cell deployments



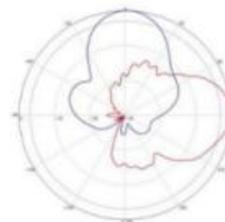
Frequency band	698-960 & 1710-2690MHz	2500-3800MHz
Polarization	$\pm 45^\circ$	
Gain(dBi)	13 ± 1	13 ± 1
Electrical Downtilt ($^\circ$)	0	
Horizontal beam width ($^\circ$)	33 ± 10	33 ± 10
Vertical beam width ($^\circ$)	30 ± 10	30 ± 10
1st Uppersidelobe suppression(dB)	≥ 15	≥ 15
Front-to-back ratio (dB)	≥ 22	≥ 22
Cross-polar discrimination (dB)	≥ 15	
Isolation (dB)	≥ 25	≥ 25
Impedance (Ω)	50	
VSWR	≤ 1.5	
Intermodulation-IM3	$\leq -150\text{dBc}(2 \times 43\text{dBm carrier})$	
Maximum power (W)	100	
Ground protection	DC Grounding	

Installation Sketch

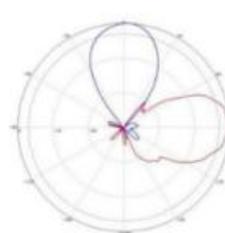


Radiation Pattern

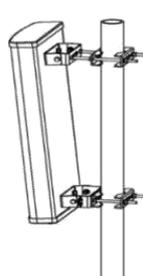
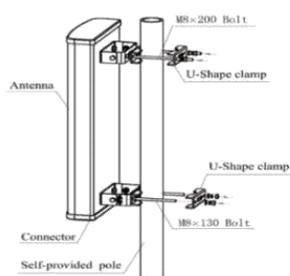
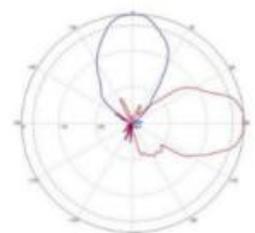
698-960MHz: $\pm 45^\circ$ Pol.



1710-2690MHz: $\pm 45^\circ$ Pol.



2500-3800MHz: $\pm 45^\circ$ Pol.



Step 1:Laid the antenna flat,install the upper and lower pivot on the antenna, and note that the position of two pivot cannot be reversed.
Step 2:Mount the antenna on the pole and lock the upper pivot nut.
Step 3:Adjust the antenna to the required mechanical downtilt and tighten all nuts.

Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-ANT-0638-OMNI--DT-43	≤ 0.3	$\text{Ø}48.5 \times 85$	4.3-10/ Female
BR-ANT-0638-OMNI--DT-N	≤ 0.3	$\text{Ø}48.5 \times 85$	N/ Female

698-3800MHz MIMO Directional Panel Antenna

Key Features:

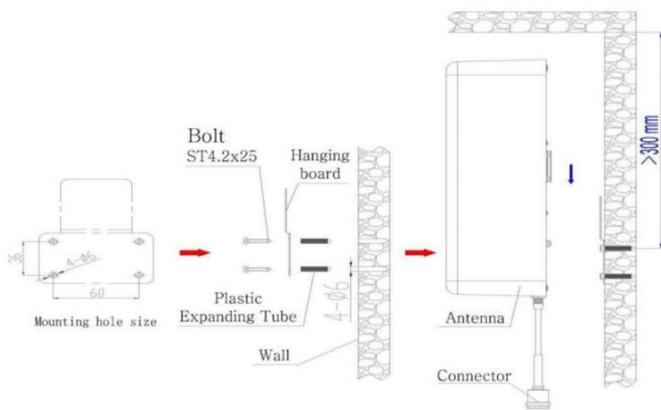
- Wideband Panel Antenna, coverage frequency band 698-3800 MHz
- Typically used indoor distribution of GSM/CDMA WIFI /3G/LTE and 5G service
- High gain , Low return loss , Low PIM ,stable performance

Product picture

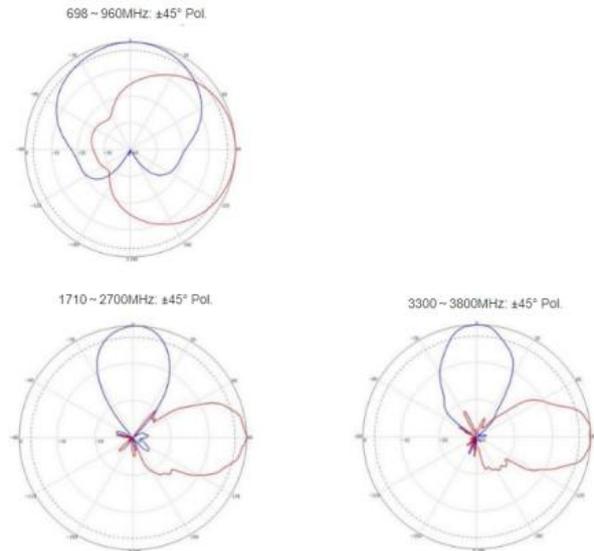


Frequency band	698-960MHz	1710-2700MHz	3300-3800MHz
Polarization	±45°		
Gain(dBi)	6 ± 1	8 ± 1	8 ± 1
Horizontal beam width (°)	80 ± 15	60 ± 15	65 ± 15
Vertical beam width (°)	75	55	40
Front-to-back ratio (dB)	≥ 20	≥ 25	≥ 20
Cross-polar discrimination (dB)	/		
Isolation (dB)	≥18	≥20	≥25
Impedance (Ω)	50		
VSWR	≤1.8		
Intermodulation-IM3 (2×43dBm carrier)	≤-150dBc		
Maximum power (W)	50		
Lighting protection	DC Ground		

Installation Sketch



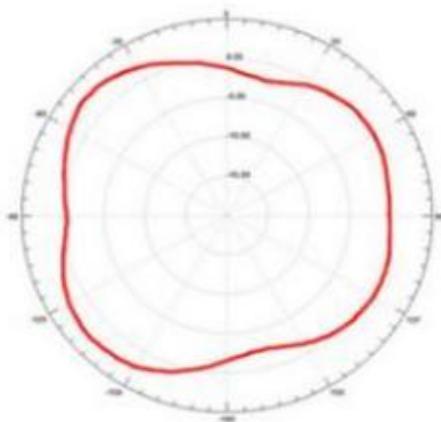
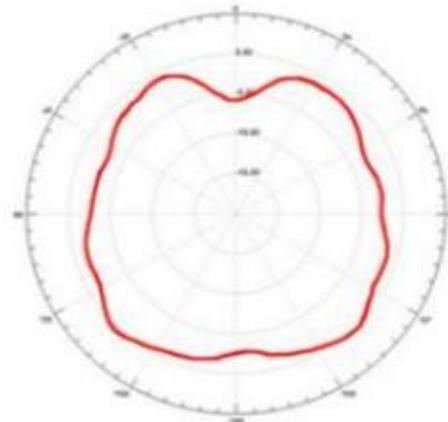
Radiation Pattern



Model No.	Weight(kg)	Dimensions(mm)	Connectors
BR-ANT-0638-DR-PA-43	≤0.3	Ø48.5*85	4.3-10/ Female
BR-ANT-0638-DR-PA-N	≤0.3	Ø48.5*85	N/ Female

Model	BRTX-1A338-4F-3/4DA			
Electrical specifications				
Frequency range (MHz)	350-698	698-960	1710-2700	3300-3800
Polarization	Horizontal			
Gain(dBi)	3.5	3.5	3.5	4.5
VSWR	≤1.8	≤1.5	≤1.8	≤1.8
Intermodulation IM3	≤-153dBc@2*43dBm			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	DC-Ground			

Mechanical Specifications	
Connector	4.3/10-Female
Connector position	With cable
Size(mm)	φ00*26
Antenna weight(kg)	/
Wind loading area(m ²)	≤0.2
Rated wind velocity(m/s)	≤36.9
Reflector material	Aluminum
Radome material	ABS
Radome color	White
Operating temperature(°C)	-40 ~ 55

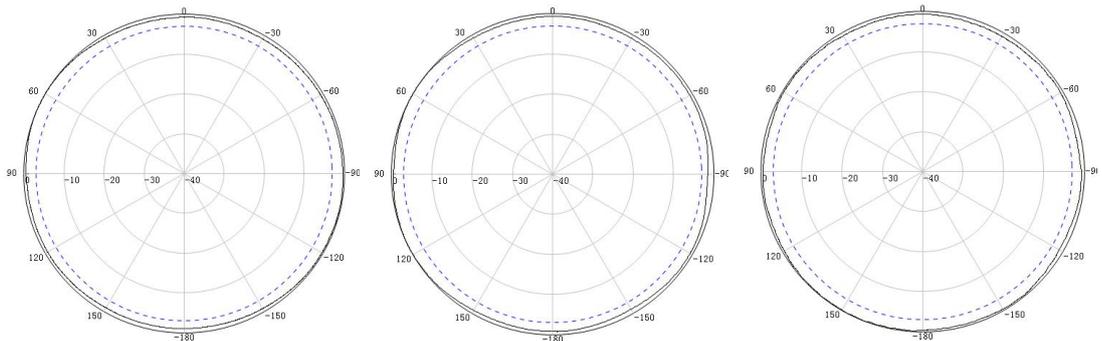

H-Plane

E-Plane


Model	BRA380-3800V05A360A			
Electrical specifications				
Frequency range (MHz)	380-520	698-960	1710-2700	3300-3800
Polarization	Vertical			
Gain(dBi)	2.0±1.0	2.5±1.0	5.0±1.0	5.0±1.0
Beam width(Horizontal)	360			
Beam width(Vertical)	90	90	35	
VSWR	≤2.0	≤2.0	≤2.0	
Intermodulation IM3	≤-153dBc@2*43dBm			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	DC-Ground			

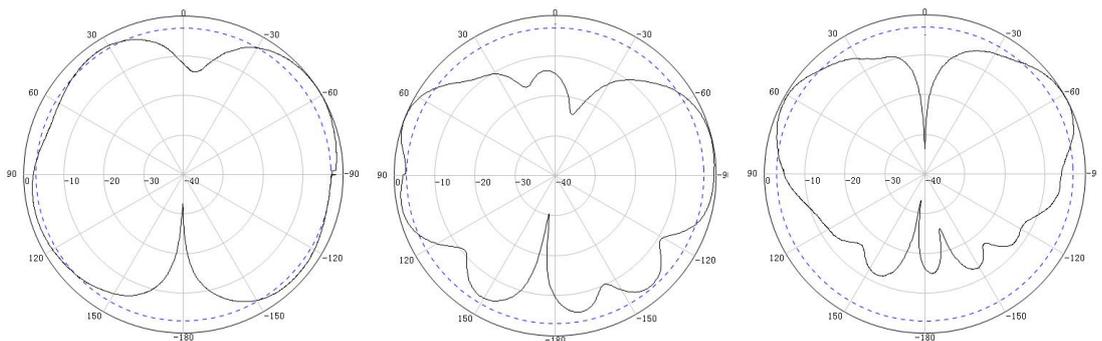
Mechanical Specifications	
Connector	4.3/10-Female
Connector position	With cable
Size(mm)	∅98*152
Antenna weight(kg)	/
Wind loading area(m ²)	≤0.2
Rated wind velocity(m/s)	≤36.9
Reflector material	Aluminum
Radome material	ABS
Radome color	White
Operating temperature(°C)	-55 ~ 60



Horizontal pattern



Vertical pattern



800MHz

1710MHz

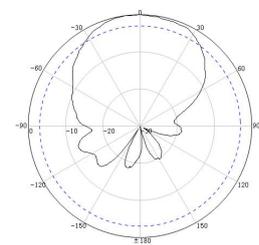
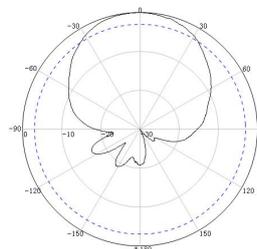
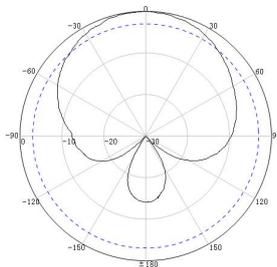
2500MHz

Model	BRTX-1PA38-4F-4/5DA			
Electrical specifications				
Frequency range(MHz)	380-520	698-960	1710-2700	3300-3800
Polarization	Vertical			
Gain(dBi)	2.0±1.0	5.0±1.0	7.0±1.0	6.0±1.0
Horizontal beam width(°)	150	90	75	55
Vertical beam width(°)	50	65	65	30
VSWR	≤2.5	≤2.0	≤2.0	≤2.0
Intermodulation IM3	≤-153dBc@2*43dBm			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	DC-Ground			

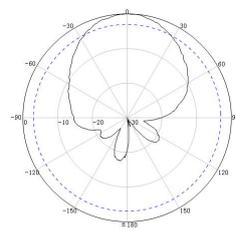
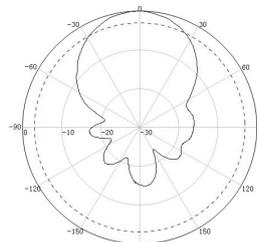
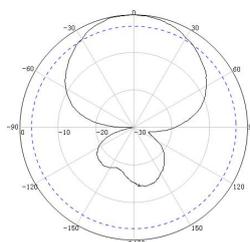
Mechanical Specifications	
Connector	4.3/10-Female
Connector position	With cable
Size(mm)	308*190*65
Antenna weight(kg)	0.6
Wind loading area(m ²)	≤0.2
Rated wind velocity(m/s)	≤36.9
Reflector material	Aluminum
Radome material	ABS
Radome color	White
Operating temperature(°C)	-40 ~ 55



Horizontal pattern



Vertical pattern



900MHz

1710MHz

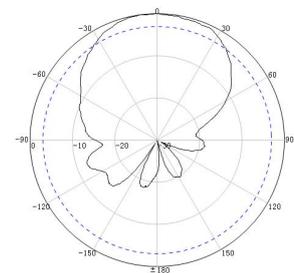
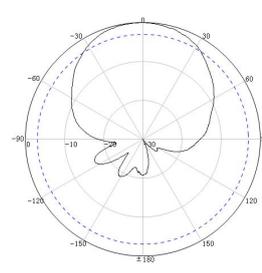
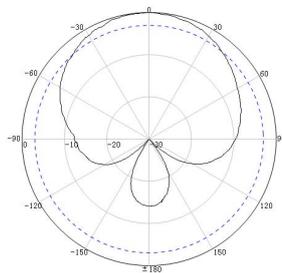
2500MHz

Model	BRA380-3800V08i70B			
Frequency range (MHz)	380-470	698-960	1710-2700	3300-3800
Polarization	Vertical*2			
Gain(dBi)	2.0±1.0	5.0±1.0	7.0±1.0	6.0±1.0
Horizontal beam width(°)	150±5	85±5	75±5	55±5
Vertical beam width(°)	50±5	65±5	65±5	30±5
Front-to-back Ratio(dB)	≥8	≥8	≥10	≥10
VSWR	≤2.5	≤2.0	≤2.0	≤2.0
Intermodulation IM3	≤-153dBc@2*43dBm			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	DC-Ground			

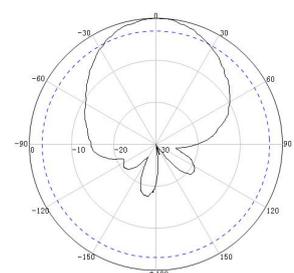
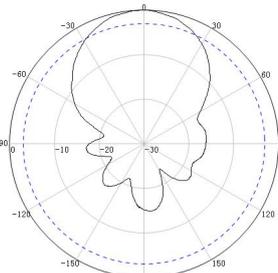
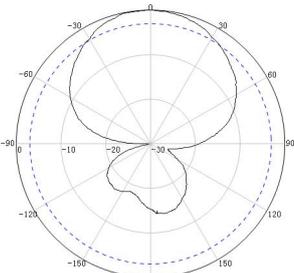
Mechanical Specifications	
Connector	2*4.3/10-Female
Connector position	With cable
Size(mm)	308*420*82
Antenna weight(kg)	1.8
Wind loading area(m ²)	≤0.2
Rated wind velocity(m/s)	≤36.9
Reflector material	Aluminum
Radome material	ABS
Radome color	White
Operating temperature(°C)	-55 ~ 60



Horizontal pattern



Vertical pattern



900MHz

1710MHz

2500MHz