In-Building Antenna

Goodtel
GT Japan

Index Omni-Directional Antenna

Omni-directional

Type	Frequeny Range (MHz)	Port	Gain(dBi)	Model	Page
SISO / V-POL	380~400	1	2	OVLE-02Ø184	7
	1710~2390	1	2	OVHB-02Ø115	8
	824~894/1710~2400	1	1/3	OVSB-0002Ø115	9
	1427~1525/1960~2170	1	2	OVHJW-02Ø115	10
	806~960/1710~2690	1	2/5	OVAT-0205Ø184	11
	698~960/1427~3600	1	3/5	OVLTHTK-0205Ø184	12
SISO / H-POL (Flat type)	1427~2690	1	5	OHJT-02Ø85F	13
	698~960/1427~3600	1	3/4	OHLTHTK-02Ø135F	14
	698~960/1427~2690/5150~5875	1	3/4/4	OHLTHJTZ-04Ø135F	15
	698~960/1710~2690/5000~6000	1	4.5/4.5/4	OHLTHTZ-04Ø265F	16
MIMO	1960~2170/2540~2580	2	2	OVHHWF-0202Ø125	17
	1427~2690	2	2	OVHHJT-02	18
	698~960/1710~2690	2	2	OVHTT-0203Ø205	19
	738~960/1427~2690/3400~3600	2	3/4/5	OVHLTHTK-0203Ø184	20
MIMO (Flat type)	698~960/1427~3600	2	4	OHHLTHJTK-02F	21
	698~960/1710~3600	2	4/4	OHHLTHJTK-04FT	22
Pole / V-POL	824~894	1	2	OVLS-02Ø20P	23
	1710~1880	1	2	OVHD-02Ø20P	24
		1	4	OVHD-04Ø20P	25
	1920~2170	1	2	OVHW-02Ø20P	26
		1	4	OVHW-04Ø20P	27
	2400~2484	1	3	OVHY-02Ø20P	28
	824~894	1	2	OVLS-02Ø20	29
	1710~1880	1	2	OVHD-02Ø20	30
	1920~2170	1	2	OVHW-02Ø20	31
	824~894/1710~2170	1	2	OVSA-0202Ø25P	32

Index Patch Antenna

Patch

Type	Frequeny Range (MHz)	Port	Gain(dBi)	Model	Page
SISO / V-POL	1710~2170	1	8	PVHA70-08	34
	1710~2400	1	8	PVHB70-08	35
	1920~2170	1	8	PVHW60-08	36
	2300~2400	1	8	PVHE70-08	37
	1710~2390	1	12	PVHB35-12	38
	806~960/1710~2690	1	6/8	PVAT9060-0608	39
	1400~1500/1920~2170MHz	1	6/8	PVHJW60-08	40
MIMO / X-POL	2300~2370	2	8	PXHE65-08	41
	1960~2170/2540~2580	2	8	PXHWF65-0707	42
		2	5	PXHWF90-0505	43
	1710~2690	2	8	PXHT65-08	44
	698~960/1710~2700	2	6/7	PXTT7570-0607	45
	718~960/1427~1495/1710~2575	2	7/7/7	PXLTHJAF65-0707	46

Index LP Antenna

LP

Type	Frequeny Range (MHz)	Port	Gain(dBi)	Model	Page
SISO / V-POL	1710~2690	1	12	YVHT40-12	48
	806~960/1710~2690	1	5/11	YVAT9040-0511	49
		1	12/12	YVAT5035-1212	50
		1	8/14	YVAT6530-0814	51

Index Cylindrical Antenna

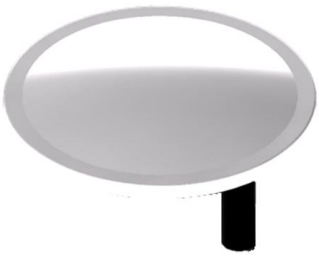
Cylindrical

Type	Frequeny Range (MHz)	Port	Gain(dBi)	Model	Page
SISO / V-POL	824~894/1710~2170	1	5/7	VSA12080-0507C	53
MIMO / X-POL	1920~2170	2	8	XHW80-08C	54
	1920~2170	2	8	XHW80-11C	55
	824~894/1710~2170	4	7/8	XXSA10070-0709C	56
		2	7/8	XXSA10070-0708DC	57
	824~894 / 1755~2170 / 2500~2660	4	6/7/8	XXSAF10080-060708C	58

Index Omni-Directional Antenna

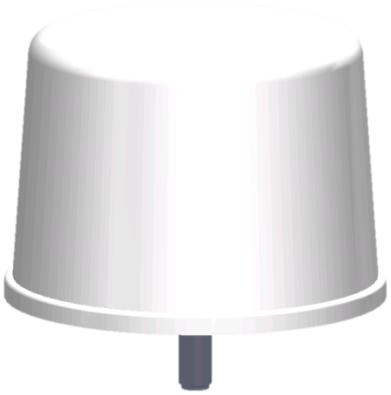
Omni-directional

Type	Frequeny Range (MHz)	Port	Gain(dBi)	Model	Page
SISO / V-POL	380~400	1	2	OVLE-02Ø184	5
	1710~2390	1	2	OVHB-02Ø115	6
	824~894/1710~2400	1	1/3	OVSB-0002Ø115	7
	1427~1525/1960~2170	1	2	OVHJW-02Ø115	8
	806~960/1710~2690	1	2/5	OVAT-0205Ø184	9
	698~960/1427~3600	1	3/5	OVLTHTK-0205Ø184	10
SISO / H-POL (Flat type)	1427~2690	1	5	OHJT-02Ø85F	11
	698~960/1427~3600	1	3/4	OHLTHTK-02Ø135F	12
	698~960/1427~2690/5150~5875	1	3/4/4	OHLTHJTZ-04Ø135F	13
	698~960/1710~2690/5000~6000	1	4.5/4.5/4	OHLTHTZ-04Ø265F	14
MIMO	1960~2170/2540~2580	2	2	OVHHWF-0202Ø125	15
	1427~2690	2	2	OVHHJT-02	16
	698~960/1710~2690	2	2	OVHTT-0203Ø205	17
	738~960/1427~2690/3400~3600	2	3/4/5	OVHLTHTK-0203Ø184	18
MIMO (Flat type)	698~960/1427~3600	2	4	OHHLTHJTK-02F	19
	698~960/1710~3600	2	4/4	OHHLTHJTK-04FT	20
Pole / V-POL	824~894	1	2	OVLS-02Ø20P	21
	1710~1880	1	2	OVHD-02Ø20P	22
		1	4	OVHD-04Ø20P	23
	1920~2170	1	2	OVHW-02Ø20P	24
		1	4	OVHW-04Ø20P	25
	2400~2484	1	3	OVHY-02Ø20P	26
	824~894	1	2	OVLS-02Ø20	27
	1710~1880	1	2	OVHD-02Ø20	28
	1920~2170	1	2	OVHW-02Ø20	29
	824~894/1710~2170	1	2	OVSA-0202Ø25P	30



OVLE-02Ø184

380~400MHz
Multi Band Single Polarization
Omni-Directional Antenna

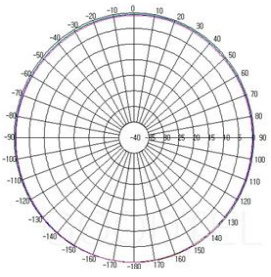


Electrical Specifications

Frequency Band		380~400MHz
Gain		2dBi
Polarization		Vertical
Half Power Beam width	Horizontal	360°
	Vertical	≥60°
Front-to-Back Ratio		-
VSWR		2.0 : 1
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

Dimension	Ø/H	Ø184/130mm
Weight		0.5Kg
Connector Type		N Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-



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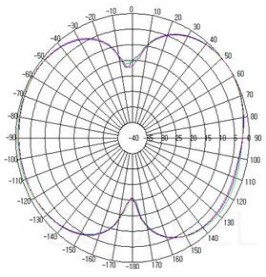

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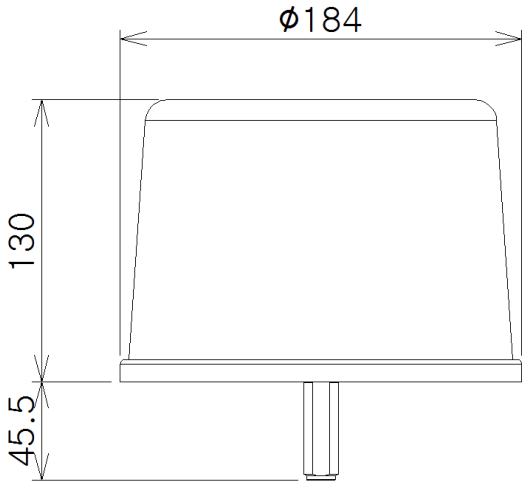


Install Configuration

OVHB-02Ø115

1710~2390MHz
Broad Band Single Polarization
Omni-Directional Antenna

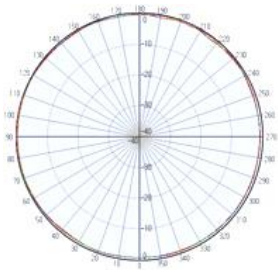
Electrical Specifications

Frequency Band		1710~2390MHz
Gain		2dBi
Polarization		Vertical
Half Power Beam width	Horizontal	360°
	Vertical	≥50°
Front-to-Back Ratio		-
VSWR		1.5:1
Intermodulation IM3	2 x 37dBm	-140dBc
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

IP CLASS		-
Dimension	Ø/H	Ø115/53mm
Weight		0.2Kg
Connector Type		N Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-

In-Building
1700~2700MHz



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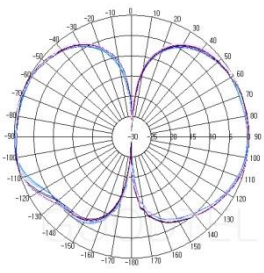

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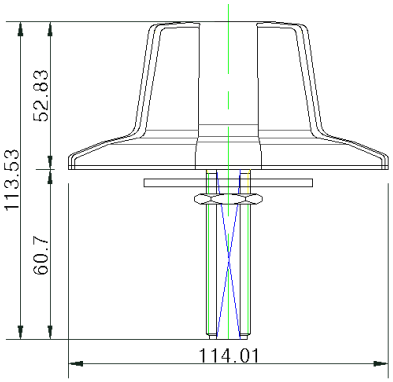


Install Configuration

OVSB-0002Ø115

824~894 / 1710~2400MHz
Multi Band Single Polarization
Omni-Directional Antenna

Electrical Specifications

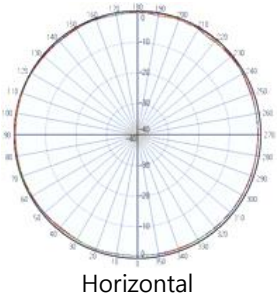
Frequency Band		824~894MHz	1710~2400MHz
Gain		0.5dBi	3dBi
Polarization		Vertical	
Half Power Beam width	Horizontal	360°	360°
	Vertical	30°~ 140°	60 °± 30°
Front-to-Back Ratio		-	-
VSWR		2.2:1	1.8:1
Intermodulation IM3	2 x 37dBm	-140dBc	
Maximum Input Power		10W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		-
Dimension	Ø/H	Ø115/53mm
Weight		0.5Kg
Connector Type		N Female × 1
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		-

In-Building Multi-band

LOW



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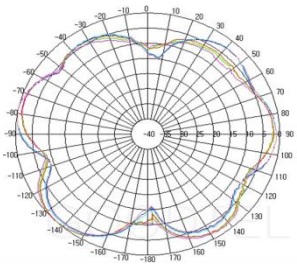
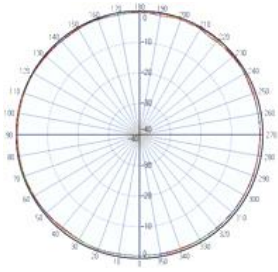


Vertical

HIGH



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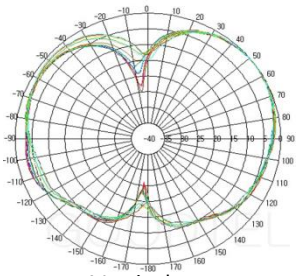

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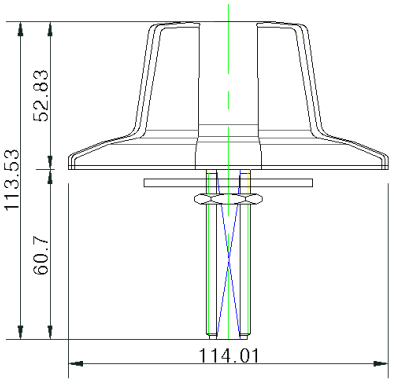


Install Configuration

OVHJW-02Ø115

1427~1525 / 1960~2170MHz
Multi Band Single Polarization
Omni-Directional Antenna

Electrical Specifications

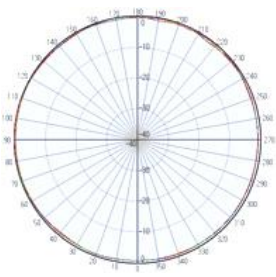
Frequency Band		1427~1525MHz	1960~2170MHz
Gain		2dBi	
Polarization		Vertical	
Half Power Beam width	Horizontal	360°	360°
	Vertical	30°~ 140°	60 °± 30°
Front-to-Back Ratio		-	-
VSWR		2.0:1	
Intermodulation IM3	2 x 37dBm	-140dBc	
Maximum Input Power		10W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		-
Dimension	Ø/H	Ø115/53mm
Weight		0.5Kg
Connector Type		N Female × 1
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		-

In-Building
Multi-band

HIGH



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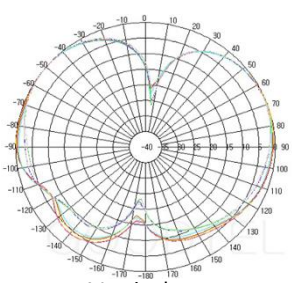

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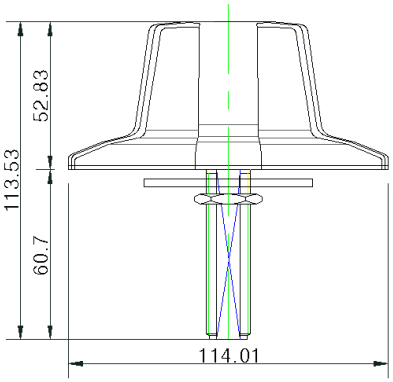


Install Configuration

Product Specifications Sheet V series for IBS

OVAT-0205Ø184

806~960 / 1710~2690MHz
Multi Band Single Polarization
Omni-Directional Antenna

Electrical Specifications

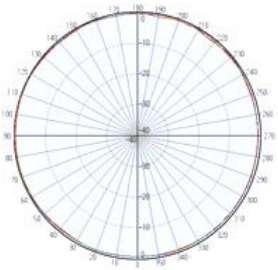
Frequency Band		806~ 960MHz	1710~ 2690MHz
Gain		2dBi	5dBi
Polarization		Vertical	
Half Power Beam width	Horizontal	360°	
	Vertical	≥45°	≥30°
Front-to-Back Ratio		-	
VSWR		1.6 :1	1.5 : 1
Intermodulation IM3	2 x 37dBm	-150dBc	
Maximum Input Power		10W	
Impedance		50Ω	

Mechanical Specifications

Dimension	Ø/H	Ø184/112mm
Weight		0.3Kg
Connector Type		N Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-

In-Building Multi-band

LOW



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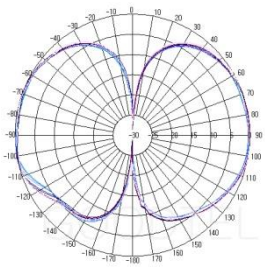

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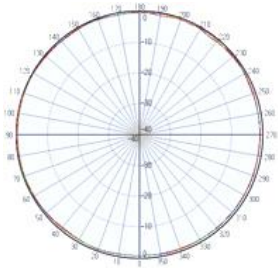

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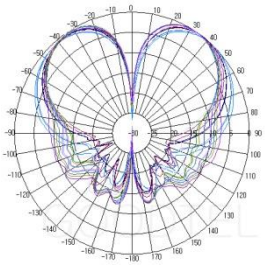

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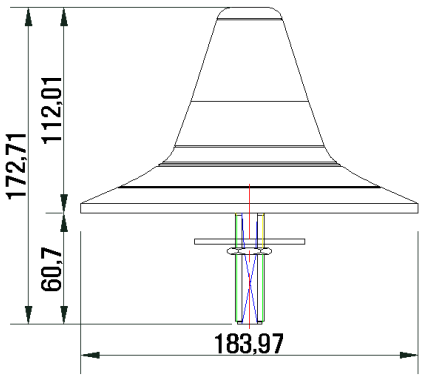
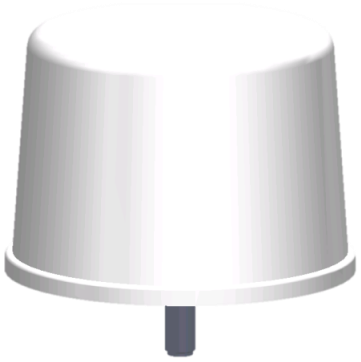


Install Configuration

OVLTHTK-0205Ø184

698~960 / 1427~3600MHz
Multi Band Single Polarization
Omni-Directional Antenna



Electrical Specifications

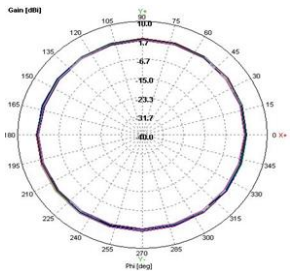
Frequency Band (MHz)	698~ 793	803~ 881	890~ 960	1427~ 1511	1710~ 1880	1920~ 2170	2300~ 2690	3400~ 3600
Gain (dBi)	2.8	3.4	2.8	4.8	6	6.2	5.8	6.7
Polarization	Vertical							
Half Power Beam width	>45°	>45°	>50°	>50°	>35°	>35°	>30°	>25°
VSWR	2.0:1	1.7:1	1.6:1	1.6:1	1.6:1	1.6:1	1.8:1	1.5:1
Intermodulation IM3 (2 x 37dBm)	-150dBC							
Maximum Input Power	20W							
Impedance	50Ω							

Mechanical Specifications

IP CLASS	-
Dimension (Ø/H)	Ø184/130mm
Weight	0.6Kg
Connector Type	N Female * 2ea
Radome Material	ABS (prevent UV)

In-Building Multi-band

LOW



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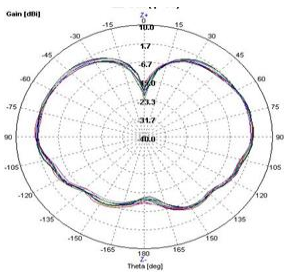
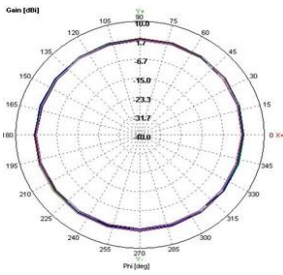


Vertical

HIGH



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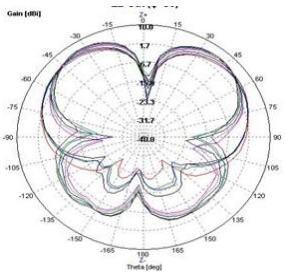

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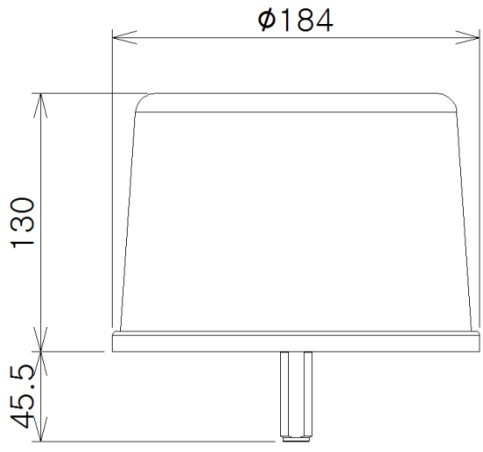


Install Configuration

Product Specifications Sheet H series for IBS

OHJT-02Ø85F

1427~2690MHz
Multi Band Single Polarization
Omni-Directional Antenna

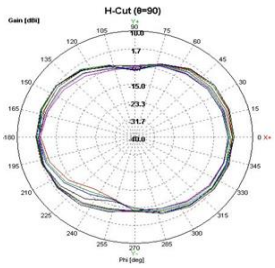
Electrical Specifications

Frequency Band (MHz)	1427~ 1511	1710~ 1880	1920~ 2170	2300~ 2690
Gain (dBi)	5.7	4.9	5.3	4.3
Polarization	Horizontal			
Half Power Beam width	>70°	>70°	>70°	>50°
VSWR(tex Inclusion)	1.5:1	1.5:1	1.5:1	1.5:1
Intermodulation IM3 (2 x 37dBm)	-150dBC			
Maximum Input Power	10W			
Impedance	50Ω			

Mechanical Specifications

IP CLASS	-
Dimension (Ø/H)	Ø85/8mm
Weight	0.1Kg
Connector Type	N Female * 1ea
Radome Material	ABS (prevent UV)

In-Building Multi-band



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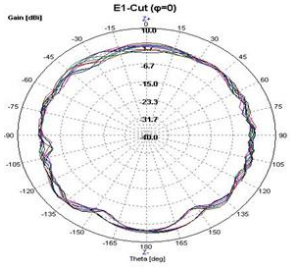
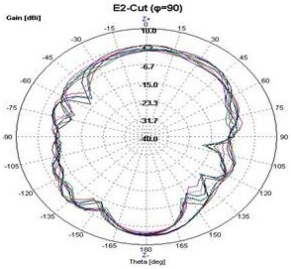
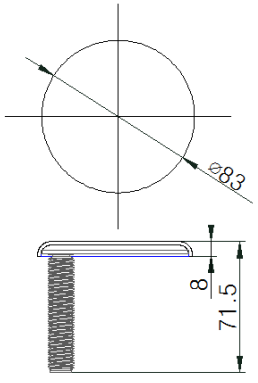


Vertical – Horizontal Pol



Vertical – Vertical Pol



Install Configuration

Product Specifications Sheet H series for IBS

OHLTHTK-02Ø135F

698~960 / 1427~3600MHz
Multi Band Single Polarization
Omni-Directional Antenna

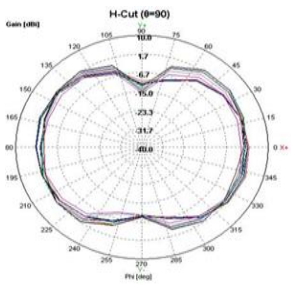
Electrical Specifications

Frequency Band (MHz)	698~ 793	803~ 881	890~ 960	1427~ 1511	1710~ 1880	1920~ 2170	2300~ 2690	3400~ 3600
Gain (dBi)	3.3	4.2	3.9	5.3	4.8	4.2	4	5
Polarization	Horizontal							
Half Power Beam width	>60°	>60°	>60°	>40°	>40°	>40°	>35°	>20°
VSWR(tex Inclusion)	1.6:1	1.6:1	1.6:1	1.6:1	1.6:1	1.6:1	1.6:1	1.7:1
Intermodulation IM3 (2 x 37dBm)	-150dBC							
Maximum Input Power	10W							
Impedance	50Ω							

Mechanical Specifications

IP CLASS	-
Dimension (Ø/H)	Ø135/17mm
Weight	0.2Kg
Connector Type	N Female * 1ea
Radome Material	ABS (prevent UV)

In-Building Multi-band



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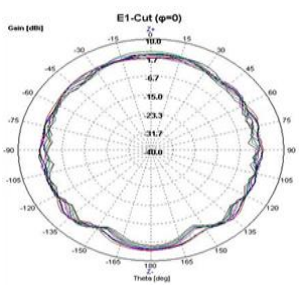
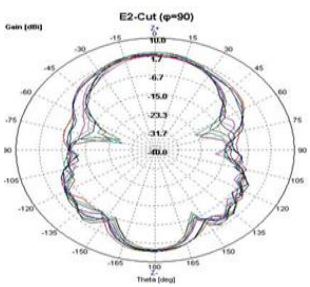
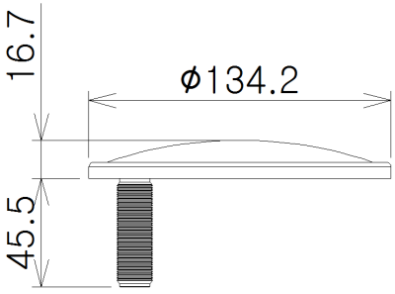


Vertical – Horizontal Pol



Vertical – Vertical Pol



Install Configuration

Product Specifications Sheet H series for IBS

OHLTHJTZ-04Ø135F

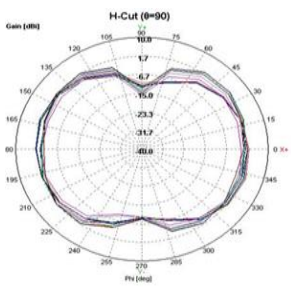
698~960/1427~2690/5150~5875MHz
Multi Band Single Polarization
Omni-Directional Antenna

Electrical Specifications

Frequency Band (MHz)	698~ 793	803~ 881	890~ 960	1427~ 1511	1710~ 1880	1920~ 2170	2300~ 2690	5150~ 5875
Gain (dBi)	3.3	4.2	3.9	5.3	4.8	4.2	4	4
Polarization	Horizontal							
Half Power Beam width	>60°	>60°	>60°	>40°	>40°	>40°	>35°	>15°
VSWR(tex Inclusion)	1.8:1	1.6:1	1.6:1	1.6:1	1.6:1	1.6:1	1.6:1	1.7:1
Intermodulation IM3 (2 x 37dBm)	-150dBC							
Maximum Input Power	10W							
Impedance	50Ω							

Mechanical Specifications

Dimension (Ø/H)	Ø135/17mm
Weight	0.2Kg
Connector Type	N Female x 1ea
Radome Material	ABS (prevent UV)



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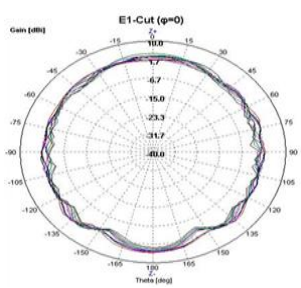
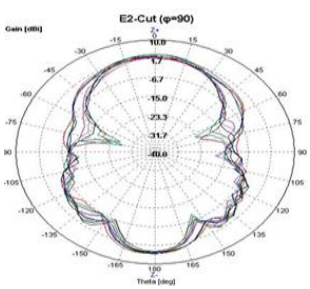
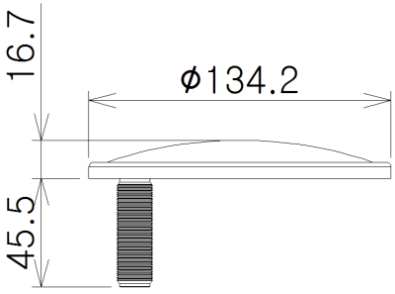


Vertical – Horizontal Pol



Vertical – Vertical Pol



Install Configuration

OHLTHTZ-04Ø265F

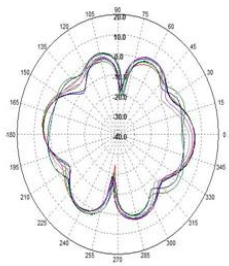
698~960 / 1710~2690 / 5000~6000MHz
Multi-band Single Polarization
Omni-Directional Antenna

Electrical Specifications

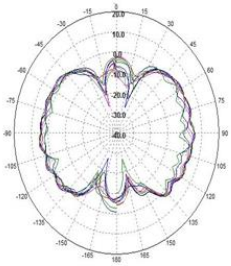
		698~ 960MHz	1710~ 2690MHz	5000~ 6000MHz
Frequency Band				
Gain		4.5dBi	4.5dBi	4dBi
Polarization			Horizontal	
Half Power Beam width	Horizontal		-	
	Vertical		≥20°	
Front-to-Back Ratio			-	
VSWR		2.0:1	1.8:1	1.5:1
Intermodulation IM3	2 x 30dBm		-150dBc	
Maximum Input Power			10W	
Impedance			50Ω	

Mechanical Specifications

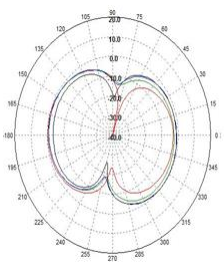
Dimension	Ø/H	Ø265/15mm
Weight		0.5Kg
Connector Type		N Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-



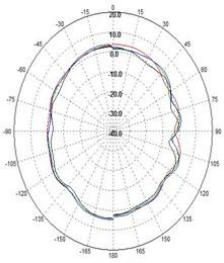
Horizontal (1745~2170)



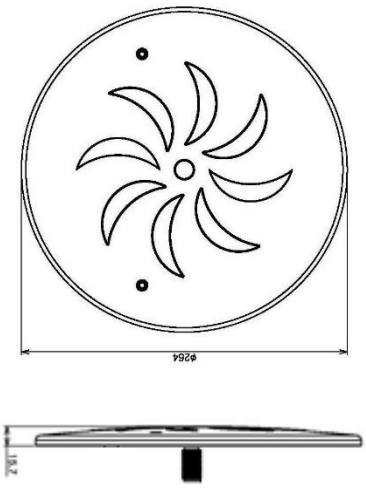
Vertical (1745~2170)



Horizontal (824~960)



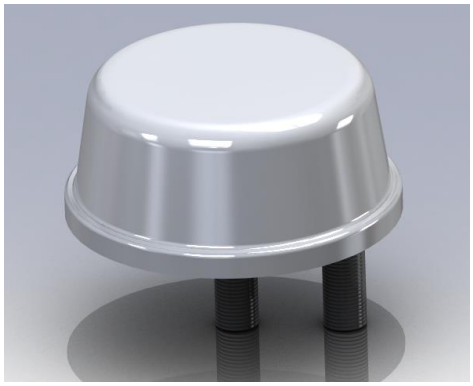
Vertical (824~960)



Install Configuration

OVHHWF-0202Ø125

1960~2170 / 2540~2580MHz
Multi-band Dual Polarization
Omni-Directional Antenna



Electrical Specifications

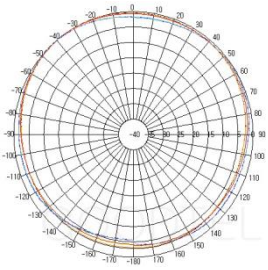
Frequency Band		1960~2170MHz	2540~2580MHz
Gain		2dBi	
Polarization		Vertical/Horizontal	
Half Power Beam width	Horizontal	Omni	
	Vertical	60°	55°
Front-to-Back Ratio		-	
VSWR		2.0:1	
Isolation		20	
Maximum Input Power		10W	
Impedance		50Ω	

Mechanical Specifications

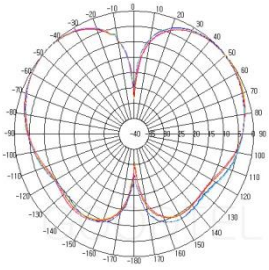
IP CLASS		-
Dimension	Ø/H	Ø125/55mm
Weight		0.4Kg
Connector Type		N Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-

In-Building Multi-band

V

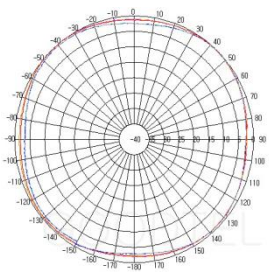


Horizontal

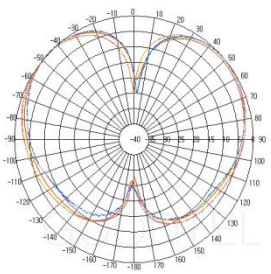


Vertical

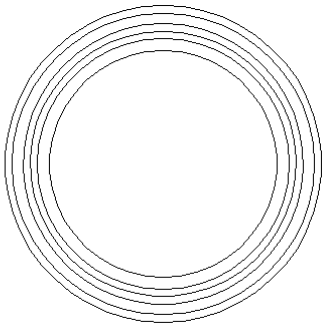
H

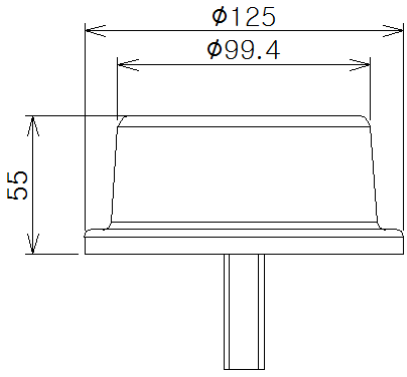


Horizontal



Vertical





Install Configuration

OVHHJT-02

1427~2690MHz
Multi-band Dual Polarization
Omni-Directional Antenna

Electrical Specifications

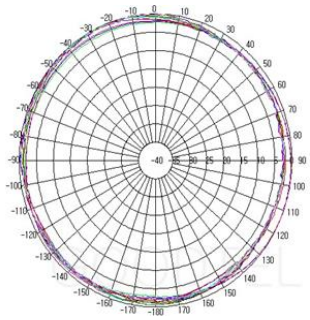
Frequency Band (MHz)		1427~1511	1710~1880	1920~2170	2300~2690
Gain (dBi)	Vertical	1.5	2	3	3
	Horizontal	4	3	3	3
Polarization		Horizontal / Vertical			
Half Power Beam width		>60°	>40°	>40°	>30°
VSWR(tex Inclusion)		1.6:1	1.6:1	1.6:1	1.6:1
Isolation		25dB			
Intermodulation IM3 (5watts 2tone)		-150dBC			
Maximum Input Power		10W			
Impedance		50Ω			

Mechanical Specifications

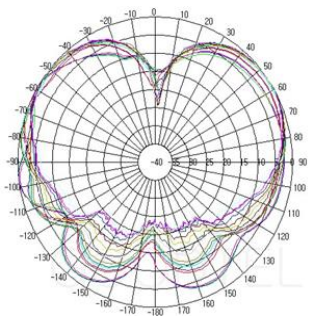
IP CLASS	-
Dimension (W/H/D)	85×164×68
Weight	0.4Kg
Connector Type	N Female * 2ea
Radome Material	ABS (prevent UV)

In-Building Multi-band

V

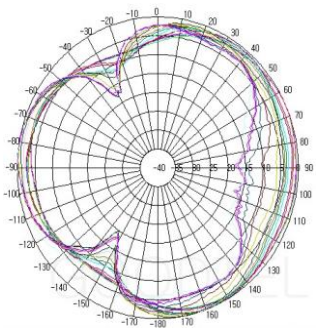


Horizontal

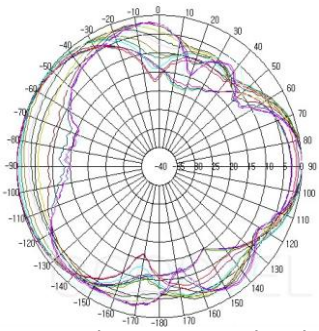


Vertical

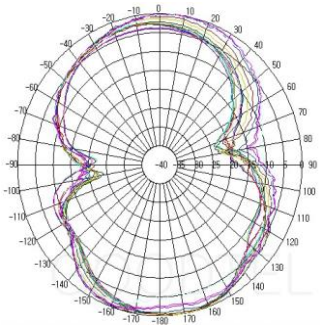
H



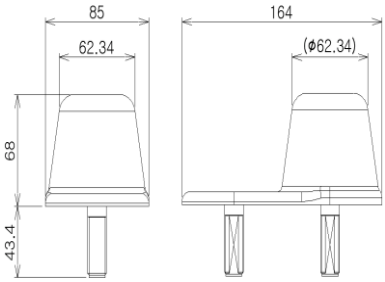
Horizontal



Vertical – Horizontal Pol



Vertical – Vertical Pol



Install Configuration

OVHTT-0203Ø205

698~960 / 1710~2690MHz
Multi Band Dual Polarization
Omni-Directional Antenna

Electrical Specifications

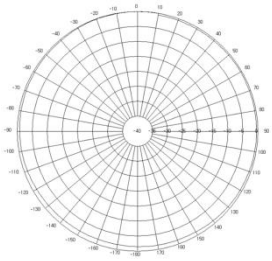
		698~	803~	890~	1710~	1920~	2300~
Frequency Band (MHz)		793	881	960	1880	2170	2690
Gain (dBi)	Vertical	3.3	3.6	2.9	5.4	5.8	5.5
	Horizontal	3.5	4.9	4	4.5	5	5.1
Polarization		Horizontal / Vertical					
Half Power Beam width		>60°	>60°	>60°	>30°	>25°	>25°
VSWR(tex Inclusion)		1.8:1	1.8:1	1.8:1	1.7:1	1.7:1	1.7:1
Isolation			20dB			25dB	
Intermodulation IM3 (2 x 37dBm)		-150dBC					
Maximum Input Power		10W					
Impedance		50Ω					

Mechanical Specifications

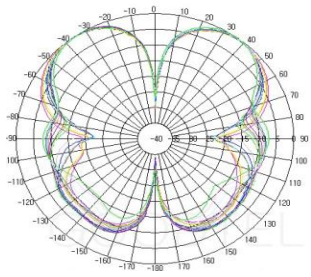
IP CLASS	-
Dimension (Ø/H)	Ø205/140mm
Weight	0.8Kg
Connector Type	N male * 2ea(including. SF141 cable 60cm)
Radome Material	ABS (prevent UV)

In-Building
Multi-band

V

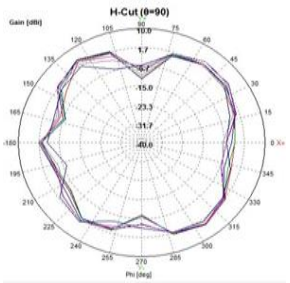


Horizontal



Vertical

H



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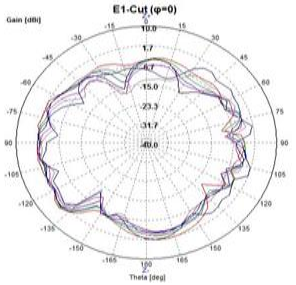
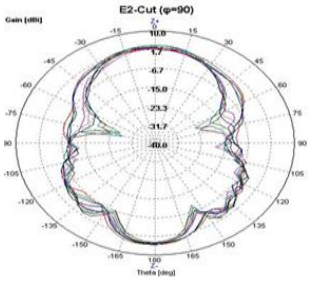
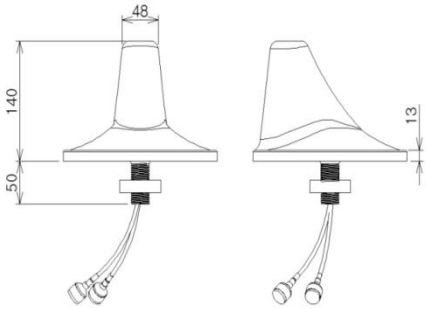


Vertical – Horizontal Pol



Vertical – Vertical Pol



Install Configuration

OVHLTHTK-0203Ø184

738~960 / 1427~2690 / 3400~3600MHz
Multi Band Dual Polarization
Omni-Directional Antenna

Electrical Specifications

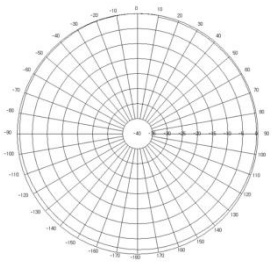
		738~	803~	890~	1427~	1710~	1920~	2300~	3400~
Frequency Band (MHz)		793	881	960	1511	1880	2170	2690	3600
Gain (dBi)	Vertical	2.4	3.4	3.5	5.2	6.9	7	6.5	6.2
	Horizontal	5.1	5.5	4.6	5.3	4.2	4.1	4.6	4.8
Polarization		Horizontal / Vertical							
Half Power Beam width		>50°	>60°	>70°	>35°	>30°	>25°	>25°	>25°
VSWR		1.9:1	1.9:1	1.9:1	2.0:1	1.7:1	1.6:1	1.6:1	1.8:1
Isolation			20dB				25dB		
Intermodulation IM3 (2 x 37dBm)		-150dBC							
Maximum Input Power		20W							
Impedance		50Ω							

Mechanical Specifications

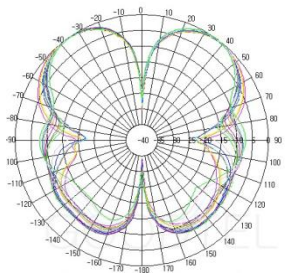
IP CLASS	-
Dimension (Ø/H)	Ø184/130mm
Weight	0.6Kg
Connector Type	N Female * 2ea
Radome Material	ABS (prevent UV)

In-Building Multi-band

V

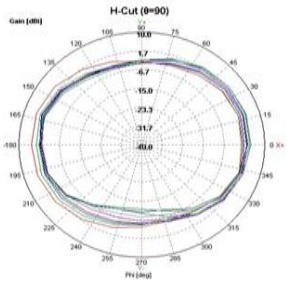


Horizontal

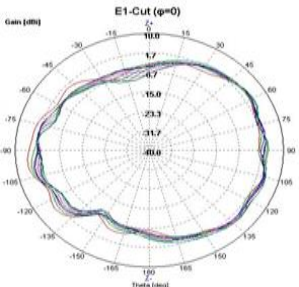


Vertical

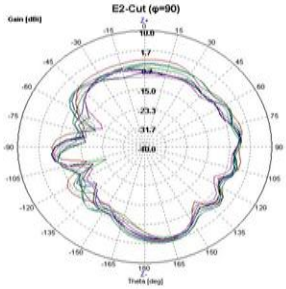
H



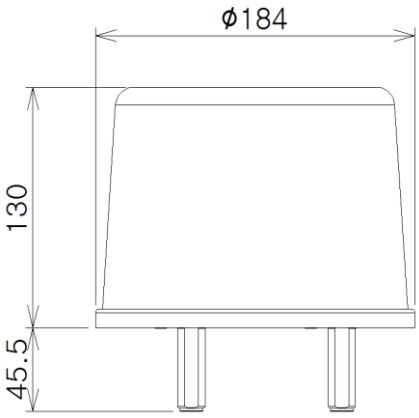
Horizontal



Vertical – Horizontal Pol



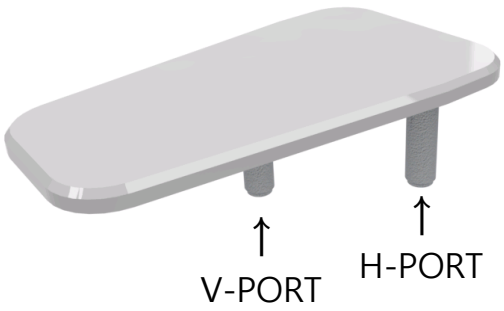
Vertical – Vertical Pol



Install Configuration

OHHLTHJTK-02F

698~960 / 1427~3600MHz
Multi-band Dual Polarization
Omni-Directional Antenna



Electrical Specifications

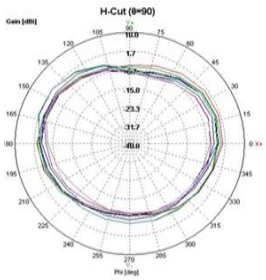
		698~	803~	890~	1427~	1710~	1920~	2300~	3400~
Frequency Band (MHz)		793	881	960	1511	1880	2170	2690	3600
Gain (dBi)	Vertical	3.5	4.4	3.7	4	4.1	3.2	4.8	5
	Horizontal	3.4	5	4.2	5.7	3.7	4.1	4.4	6.1
Polarization		Horizontal / Vertical							
Half Power Beam width		>60°	>60°	>60°	>40°	>35°	>35°	>25°	>20°
VSWR(tex Inclusion)		1.7:1	1.7:1	1.8:1	1.8:1	1.7:1	1.7:1	1.7:1	1.6:1
Isolation		20dB					25dB		
Intermodulation IM3 (2 x 37dBm)		-150dBC							
Maximum Input Power		10W							
Impedance		50Ω							

Mechanical Specifications

IP CLASS	-
Dimension (W/H/D)	136/236/9mm
Weight	0.4Kg
Connector Type	N Female * 2ea
Radome Material	ABS (prevent UV)

In-Building Multi-band

V



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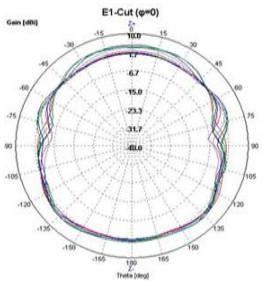
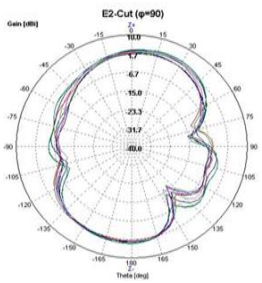
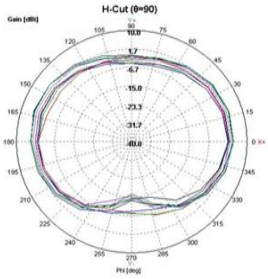


Vertical – Horizontal Pol



Vertical – Vertical Pol

H



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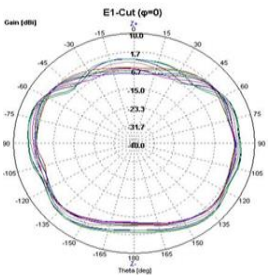
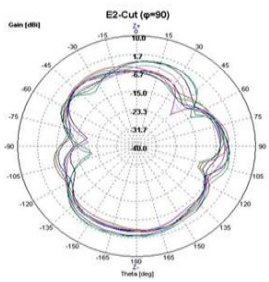
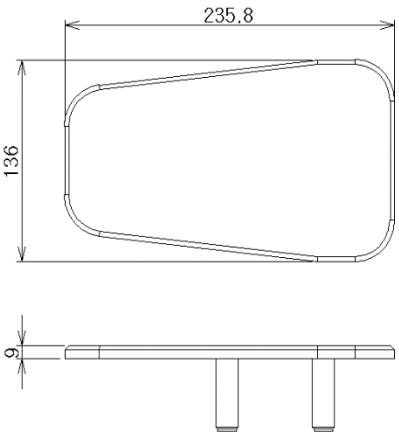


Vertical – Horizontal Pol



Vertical – Vertical Pol

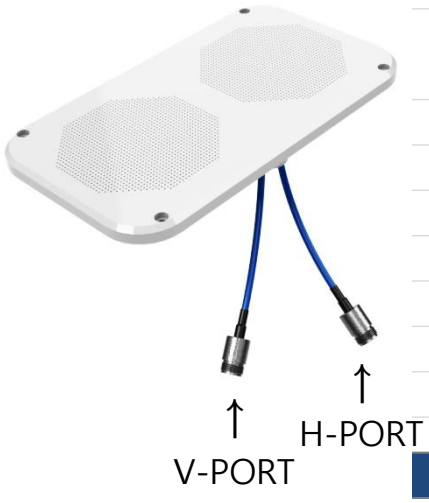


Install Configuration

Product Specifications Sheet MIMO series for IBS

OHHLTHJTK-04FT

698~960/1710~3600MHz
Multi Band Dual Polarization
Omni-Directional Antenna



Electrical Specifications

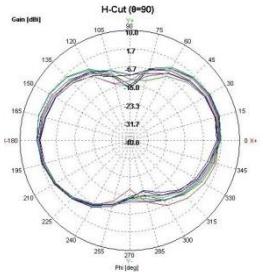
Frequency Band(MHz)		698~960	1710~2170	2300~2700	3400~3600
Gain (dBi)	V-PORT	3.5	4	4.5	5
	H-PORT	3.5	4	4.5	5
Polarization		Horizontal / Vertical			
Half Power Beam width		>60°	>35°	>25°	>20°
VSWR(tex Inclusion)		1.6:1			
Isolation		20dB	25dB		
Intermodulation IM3	2 x 37dBm	-150dBc			
Maximum Input Power		10W			
Impedance		50Ω			

Mechanical Specifications

Dimension	W/H/D	136/236/10mm
Weight		0.4Kg
Connector Type		N Female x 2EA
Radome Material		ABS (prevent UV)

In-Building Multi-band

V



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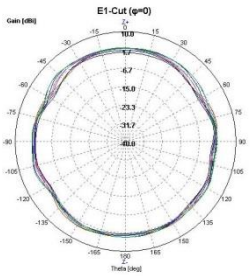
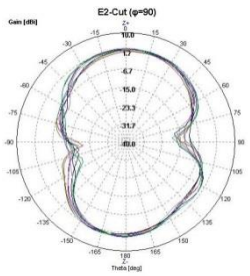
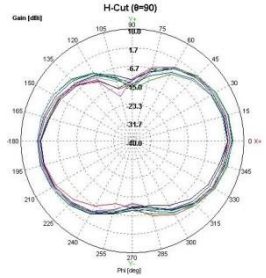


Vertical – Horizontal Pol



Vertical – Vertical Pol

H



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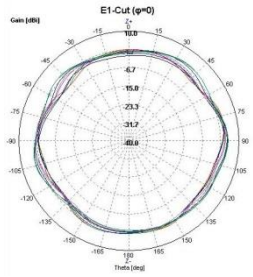
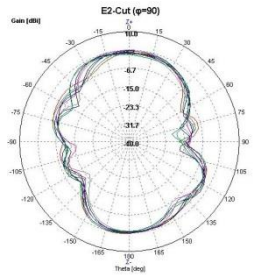
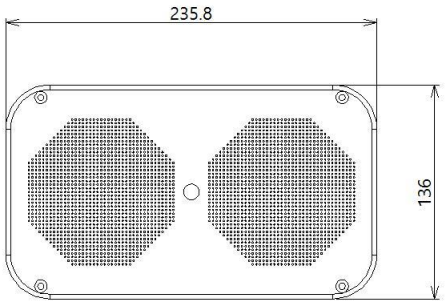
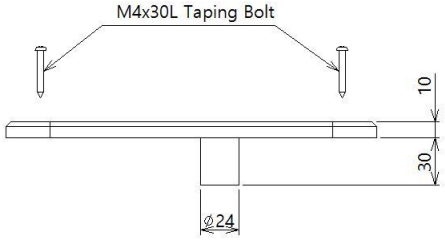


Vertical – Horizontal Pol



Vertical – Vertical Pol





Install Configuration

OVLS-02Ø20P

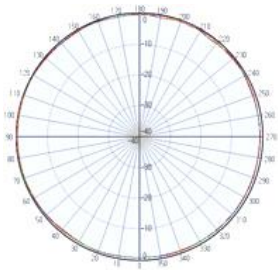
824~894MHz
Broad Band Single Polarization
Omni-Directional Antenna

Electrical Specifications

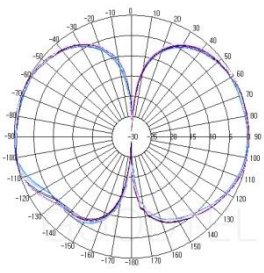
Frequency Band		824~894MHz
Gain		2dBi
Polarization		Vertical
Half Power Beam width	Horizontal	360°
	Vertical	≥50°
Front-to-Back Ratio		-
VSWR		1.5:1
Intermodulation IM3	2 x 33dBm	-150dBc
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

IP CLASS		
Dimension	Ø/H	Ø20/200mm
Weight		0.2Kg
Connector Type		N Female
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		-



Horizontal



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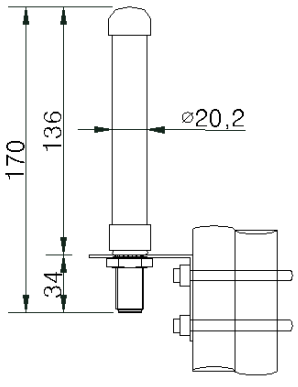


Install Configuration

OVHD-02Ø20P

1710~1880MHz
Broad Band Single Polarization
Omni-Directional Antenna

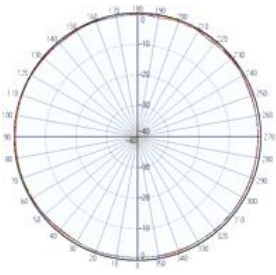
Electrical Specifications

Frequency Band		1710~1880MHz
Gain		2dBi
Polarization		Vertical
Half Power Beam width	Horizontal	360°
	Vertical	≥50°
Front-to-Back Ratio		-
VSWR		1.5:1
Intermodulation IM3	2 x 33dBm	-150dBc
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

IP CLASS		
Dimension	Ø/H	Ø20/136mm
Weight		0.2Kg
Connector Type		N Female
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		-

In-Building
1700~2200MHz



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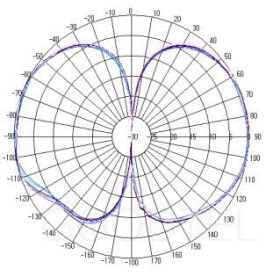

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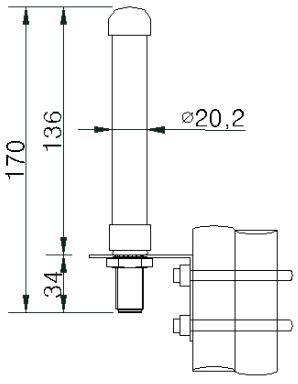


Install Configuration

OVHD-04Ø20P

1710~1880MHz
Broad Band Single Polarization
Omni-Directional Antenna

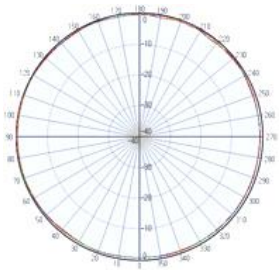
Electrical Specifications

Frequency Band		1710~1880MHz
Gain		4dBi
Polarization		Vertical
Half Power Beam width	Horizontal	360°
	Vertical	≥25°
Front-to-Back Ratio		-
VSWR		1.5:1
Intermodulation IM3	2 x 33dBm	-150dBc
Maximum Input Power		10W
Impedance		50Ω

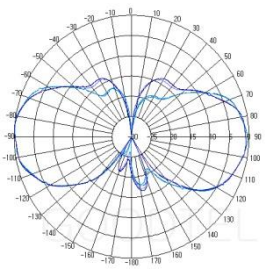
Mechanical Specifications

IP CLASS		
Dimension	Ø/H	Ø20/281mm
Weight		0.3Kg
Connector Type		N Female
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		-

In-Building
1700~2200MHz



Horizontal



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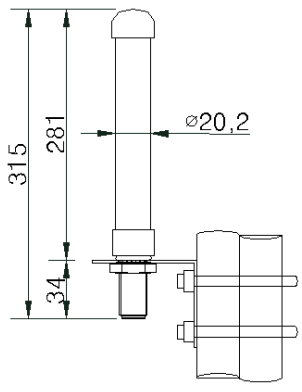


Install Configuration

OVHW-02Ø20P

1920~2170MHz
Broad Band Single Polarization
Omni-Directional Antenna

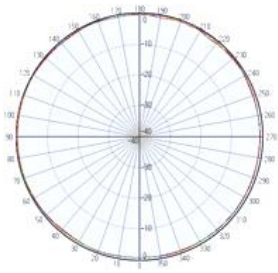
Electrical Specifications

Frequency Band		1920~2170MHz
Gain		2dBi
Polarization		Vertical
Half Power Beam width	Horizontal	360°
	Vertical	≥50°
Front-to-Back Ratio		-
VSWR		1.5:1
Intermodulation IM3	2 x 33dBm	-150dBc
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

IP CLASS		
Dimension	Ø/H	Ø20/136mm
Weight		0.2Kg
Connector Type		N Female
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		-

In-Building
1700~2200MHz



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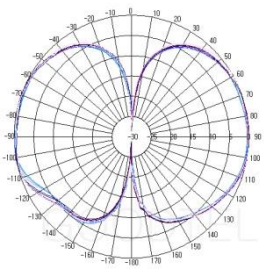

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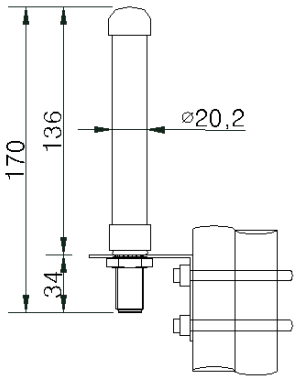


Install Configuration

OVHW-04Ø20P

1920~2170MHz
Broad Band Single Polarization
Omni-Directional Antenna

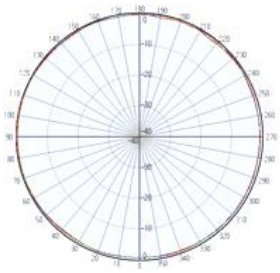
Electrical Specifications

Frequency Band		1920~2170MHz
Gain		4dBi
Polarization		Vertical
Half Power Beam width	Horizontal	360°
	Vertical	≥25°
Front-to-Back Ratio		-
VSWR		1.5:1
Intermodulation IM3	2 x 33dBm	-150dBc
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

IP CLASS		
Dimension	Ø/H	Ø20/281mm
Weight		0.3Kg
Connector Type		N Female
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		-

In-Building
1700~2200MHz



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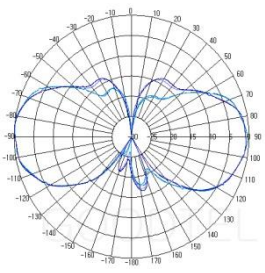

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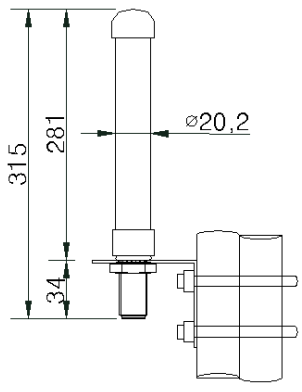


Install Configuration

OVHY-02Ø20P

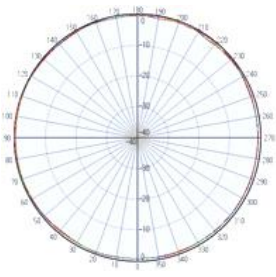
2400~2484MHz
Broad Band Single Polarization
Omni-Directional Antenna

Electrical Specifications

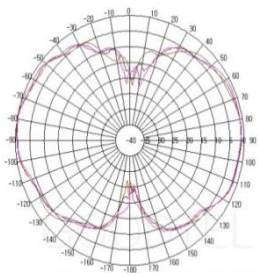
Frequency Band		2400~2484MHz
Gain		3dBi
Polarization		Vertical
Half Power Beam width	Horizontal	360°
	Vertical	≥50°
Front-to-Back Ratio		-
VSWR		1.5:1
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

IP CLASS		
Dimension	Ø/H	Ø20.2/200mm
Weight		0.9Kg
Connector Type		N male
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		-



Horizontal



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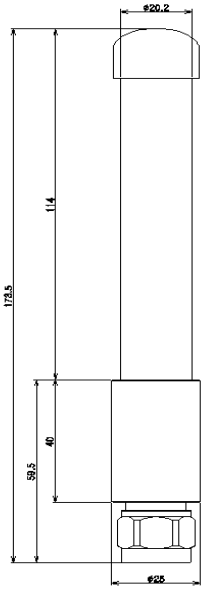


Install Configuration

OVLS-02Ø20

824~894MHz
Broad Band Single Polarization
Omni-Directional Antenna

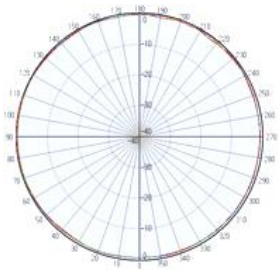
Electrical Specifications

Frequency Band		824~894MHz
Gain		2dBi
Polarization		Vertical
Half Power Beam width	Horizontal	360°
	Vertical	≥40°
Front-to-Back Ratio		-
VSWR		1.7:1
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

IP CLASS		
Dimension	Ø/H	Ø20/250mm
Weight		0.2Kg
Connector Type		SMA Female
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		-

In-Building
700~1000MHz



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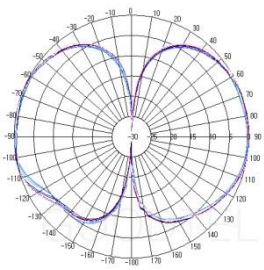
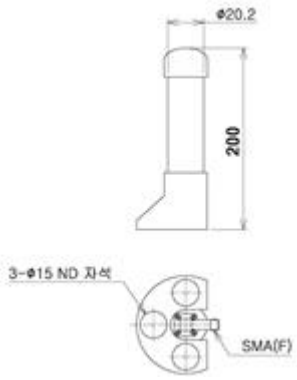


Vertical



Install Configuration

OVHD-02Ø20

1710~1880MHz
Broad Band Single Polarization
Omni-Directional Antenna

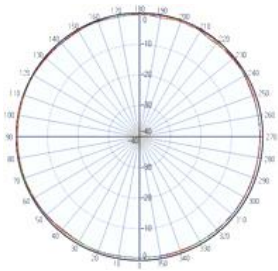
Electrical Specifications

Frequency Band		1710~1880MHz
Gain		2dBi
Polarization		Vertical
Half Power Beam width	Horizontal	360°
	Vertical	≥40°
Front-to-Back Ratio		-
VSWR		1.5:1
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

IP CLASS		
Dimension	Ø/H	Ø20/145mm
Weight		0.2Kg
Connector Type		SMA Female
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		-

In-Building
1700~2200MHz



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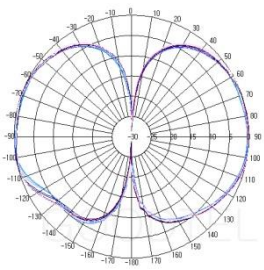

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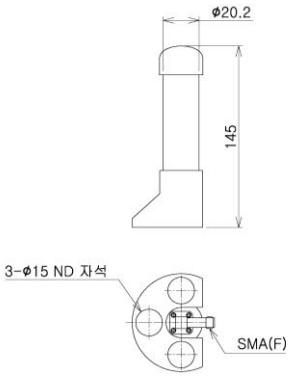


Install Configuration

OVHW-02Ø20

1920~2170MHz
Broad Band Single Polarization
Omni-Directional Antenna

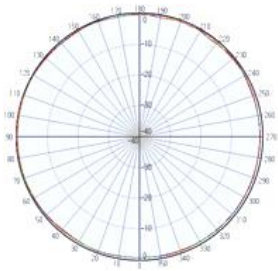
Electrical Specifications

Frequency Band		1920~2170MHz
Gain		2dBi
Polarization		Vertical
Half Power Beam width	Horizontal	360°
	Vertical	≥40°
Front-to-Back Ratio		-
VSWR		1.7:1
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

IP CLASS		
Dimension	Ø/H	Ø20/145mm
Weight		0.2Kg
Connector Type		SMA Female
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		-

In-Building
1700~2200MHz



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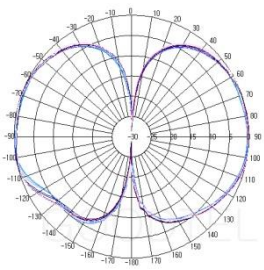

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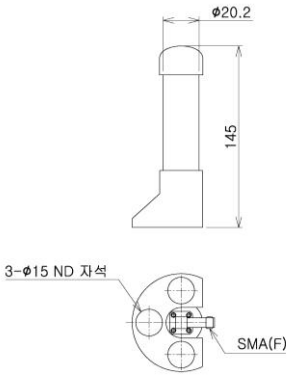


Install Configuration

OVSA-0202Ø25P

824~894 / 1710~2170MHz
Multi Band Single Polarization
Omni-Directional Antenna

Electrical Specifications

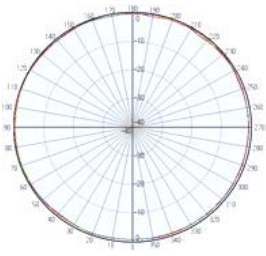
Frequency Band		824~ 894MHz	1710~ 2170MHz
Gain		2dBi	
Polarization		Vertical	
Half Power Beam width	Horizontal	360°	360°
	Vertical	≥ 30°	≥ 30°
Front-to-Back Ratio		-	
VSWR		1.8:1	
Intermodulation IM3	2 x 37dBm	-140dBc	
Maximum Input Power		20W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX5
Dimension	Ø/H	Ø25/211mm
Weight		0.2Kg
Connector Type		N Female × 1
Radome Material		FRP
Mechanical Down Tilt		-

In-Building Multi-band

LOW



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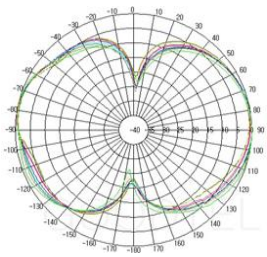
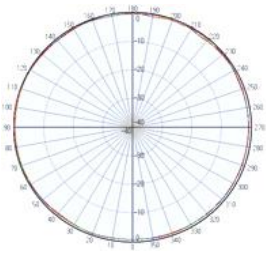


Vertical

HIGH



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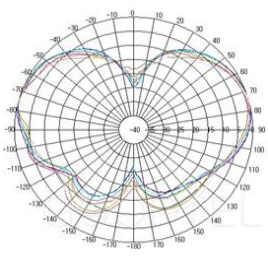

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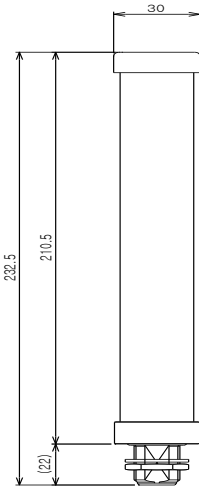


Install Configuration

Index Patch Antenna

Patch

Type	Frequeny Range (MHz)	Port	Gain(dBi)	Model	Page
SISO / V-POL	1710~2170	1	8	PVHA70-08	34
	1710~2400	1	8	PVHB70-08	35
	1920~2170	1	8	PVHW60-08	36
	2300~2400	1	8	PVHE70-08	37
	1710~2390	1	12	PVHB35-12	38
	806~960/1710~2690	1	6/8	PVAT9060-0608	39
	1400~1500/1920~2170MHz	1	6/8	PVHJW60-08	40
MIMO / X-POL	2300~2370	2	8	PXHE65-08	41
	1960~2170/2540~2580	2	8	PXHWF65-0707	42
		2	5	PXHWF90-0505	43
	1710~2690	2	8	PXHT65-08	44
	698~960/1710~2700	2	6/7	PXTT7570-0607	45
	718~960/1427~1495/1710~2575	2	7/7/7	PXLTHJAF65-0707	46

Product Specifications Sheet V series for IBS

PVHA70-08

1710~2170MHz
Broad Band Single Polarization
Directional Patch Antenna

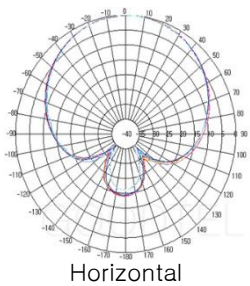
Electrical Specifications

Frequency Band		1710~1830MHz	1930~2170MHz
Gain		7dBi	8dBi
Polarization		Vertical	
Half Power Beam width	Horizontal	≥ 70°	≥ 60°
	Vertical	≥ 60°	≥ 55°
Front-to-Back Ratio		≥15dB	≥15dB
VSWR		1.5:1	
Maximum Input Power		1W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	(W x D x H)	90×35×110mm
Weight		0.2Kg
Connector Type		SMA Female × 1
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-

In-Building
1700~2200MHz



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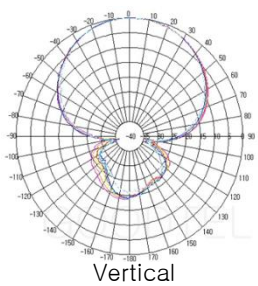

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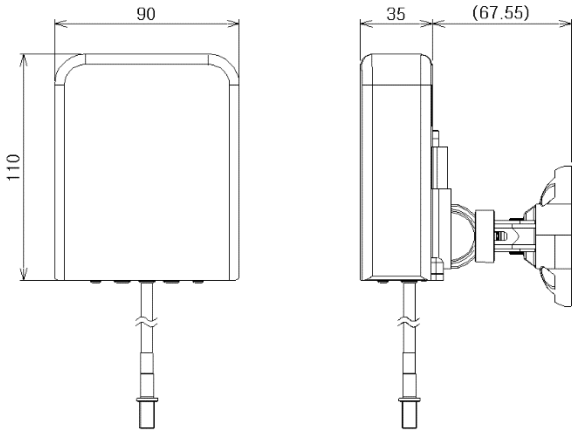


Install Configuration

Product Specifications Sheet V series for IBS

PVHB70-08

1710~2400MHz
Broad Band Single Polarization
Directional Patch Antenna

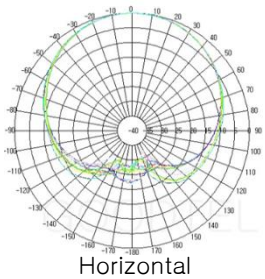
Electrical Specifications

Frequency Band		1710~2400MHz
Gain		7.5dBi
Polarization		Vertical
Half Power Beam width	Horizontal	≥ 70°
	Vertical	≥ 50°
Front-to-Back Ratio		≥15dB
VSWR		1.5:1
Maximum Input Power		1W
Impedance		50Ω

Mechanical Specifications

IP CLASS		IPX4
Dimension	(W x D x H)	90×35×110mm
Weight		0.2Kg
Connector Type		SMA Female × 1
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-

In-Building
1700~2700MHz



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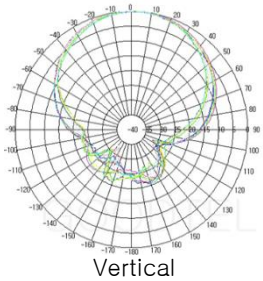

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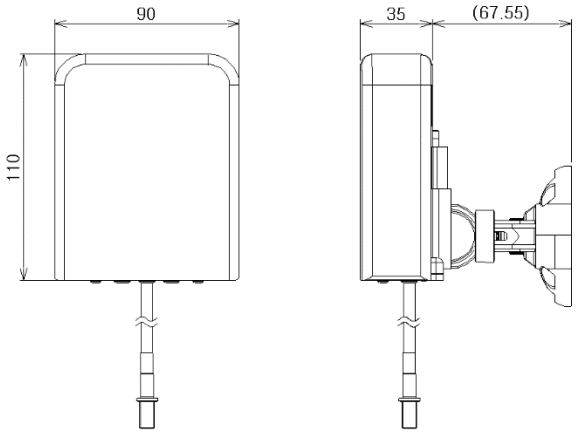


Install Configuration

PVHW60-08

1920~2170MHz
Broad Band Single Polarization
Directional Patch Antenna

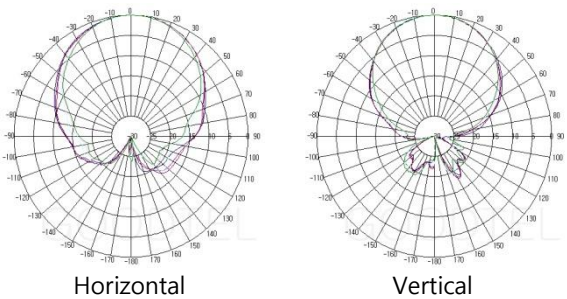
Electrical Specifications

Frequency Band		1920~2170MHz
Gain		8dBi
Polarization		Vertical
Half Power Beam width	Horizontal	60°
	Vertical	50°
Front-to-Back Ratio		15dB
VSWR		1.5:1
Maximum Input Power		5W
Impedance		50Ω

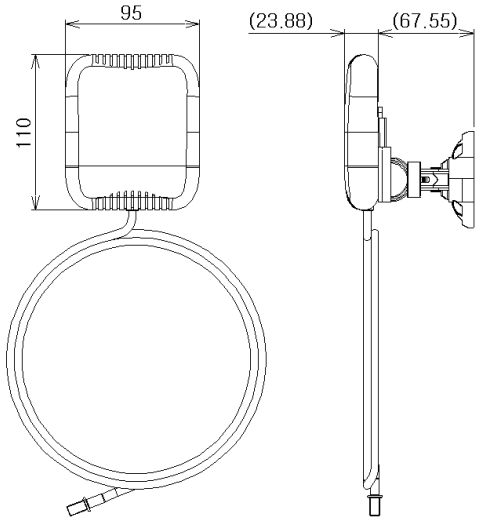
Mechanical Specifications

IP CLASS		IPX4
Dimension	W/H/D	95/110/25mm
Weight		0.3Kg
Connector Type		SMA Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		± 0°~45°

In-Building
1700~2200MHz



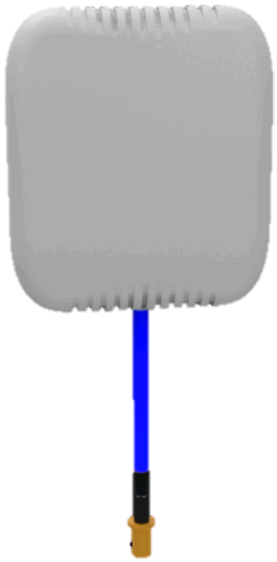
Horizontal Vertical



Install Configuration

PVHE70-08

2300~2400MHz
Broad Band Single Polarization
Directional Patch Antenna

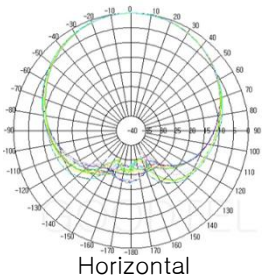


Electrical Specifications

Frequency Band		2300~2400MHz
Gain		8dBi
Polarization		Vertical
Half Power Beam width	Horizontal	70°
	Vertical	60°
Front-to-Back Ratio		≥15dB
VSWR		1.5:1
Maximum Input Power		1W
Impedance		50Ω

Mechanical Specifications

IP CLASS		IPX4
Dimension	(W x D x H)	95×24×110mm
Weight		0.2Kg
Connector Type		SMA Female × 1
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-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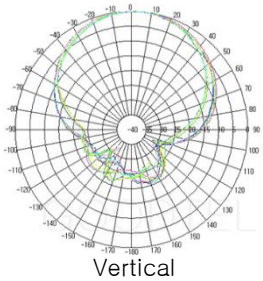
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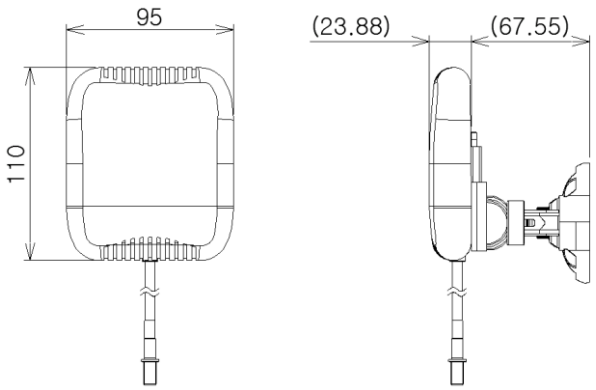


Install Configuration

PVHB35-12

1710~2390MHz
Multi Band Single Polarization
Directional Patch Antenna

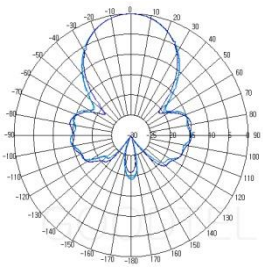
Electrical Specifications

Frequency Band		1710~2390MHz
Gain		12dBi
Polarization		Vertical
Half Power Beam width	Horizontal	35°
	Vertical	35°
Front-to-Back Ratio		15dB
VSWR		1.5:1
Intermodulation IM3	2 x 40dBm	-150dBc
Maximum Input Power		50W
Impedance		50Ω

Mechanical Specifications

IP CLASS		IPX4
Dimension	W/H/D	170/210/45mm
Weight		0.8Kg
Connector Type		N Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		± 0°~45°

In-Building
1700~2700MHz



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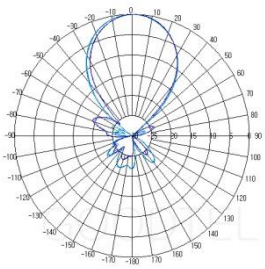

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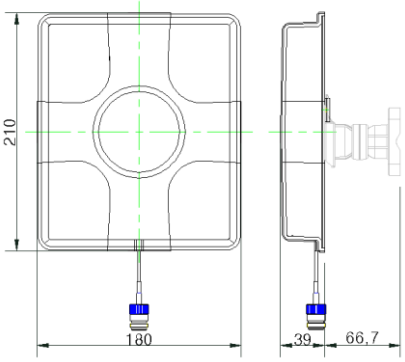


Install Configuration

Product Specifications Sheet V series for IBS

PVAT9060-0608

806~960 / 1710~2170MHz
Multi Band Single Polarization
Directional Patch Antenna

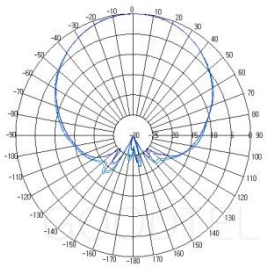
Electrical Specifications

Frequency Band		806~ 960MHz	1710~ 2690MHz
Gain		6dBi	8dBi
Polarization		Vertical	
Half Power Beam width	Horizontal	≥80°	≥40°
	Vertical	≥60°	≥40°
Front-to-Back Ratio		-	
VSWR		1.7:1	1.6:1
Intermodulation IM3	2 x 37dBm	-140dBc	
Maximum Input Power		10W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	W/H/D	150/170/44mm
Weight		0.5Kg
Connector Type		N Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		± 0°~45°

LOW



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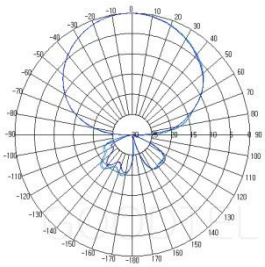
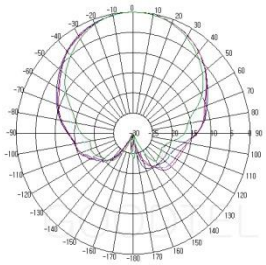


Vertical

HIGH



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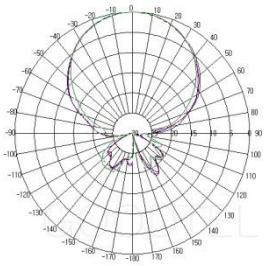

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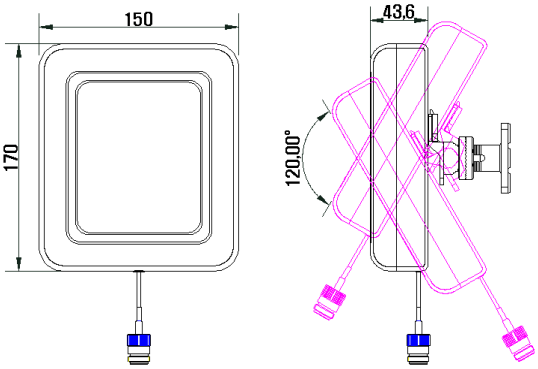


Install Configuration

PVHJW60-08

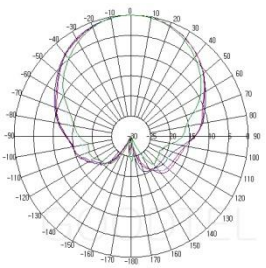
1400~1500 / 1920~2170MHz
Multi Band Single Polarization
Directional Patch Antenna

Electrical Specifications

Frequency Band		1427~ 1486MHz	1920~ 2170MHz
Gain		6dBi	8dBi
Polarization		Vertical	
Half Power Beam width	Horizontal	≥60°	≥60°
	Vertical	≥55°	≥50°
Front-to-Back Ratio		-	
VSWR		1.5:1	
Maximum Input Power		5W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	W/H/D	115/130/32mm
Weight		0.3Kg
Connector Type		SMA Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		± 0°~45°



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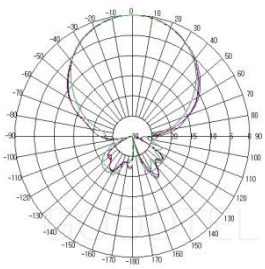

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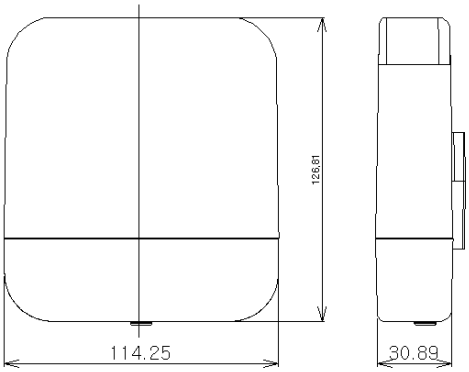
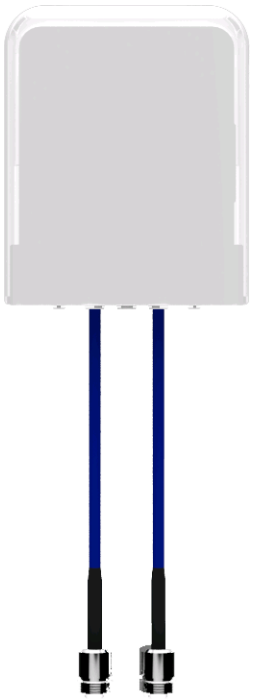


Install Configuration

PXHE65-08

2300~2370MHz
Multi Band Dual Polarization
Directional Patch Antenna

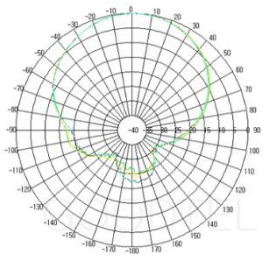


Electrical Specifications

Frequency Band		2300~2370MHz
Gain		8dBi
Polarization		±45°
Half Power Beam width	Horizontal	65°
	Vertical	55°
Front-to-Back Ratio		15
VSWR		1.5 :1
Intermodulation IM3	2 x 37dBm	-140dBc
Isolation		20
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

IP CLASS		IPX4
Dimension	(W x D x H)	90×35×110mm
Weight		0.3Kg
Connector Type		N Female × 2
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-



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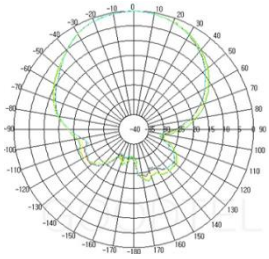

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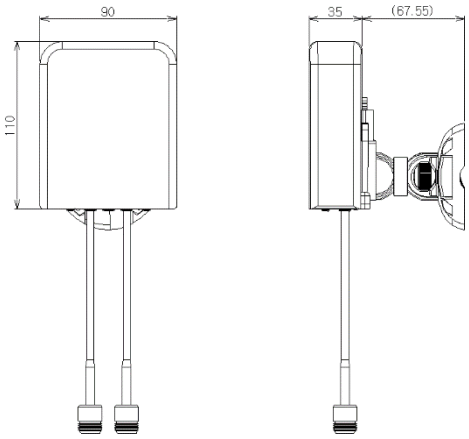
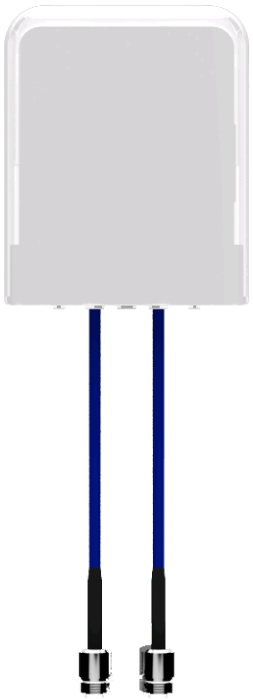


Install Configuration

PXHWF65-0707

1960~2170 / 2540~2580MHz
Multi Band Dual Polarization
Directional Patch Antenna



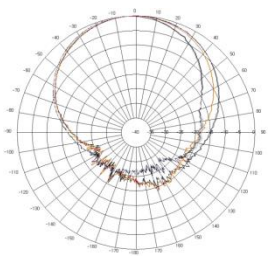
Electrical Specifications

Frequency Band		1960~2170MHz	2540~2580MHz
Gain		7.5dBi	
Polarization		±45°	
Half Power Beam width	Horizontal	65°	60°
	Vertical	60°	55°
Front-to-Back Ratio		15	
VSWR		2.0:1	
Intermodulation IM3	2 x 37dBm	-140dBc	
Isolation		20	
Maximum Input Power		20W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	(W x D x H)	90×35×110mm
Weight		0.3Kg
Connector Type		N Female × 2
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-

In-Building Multi-band



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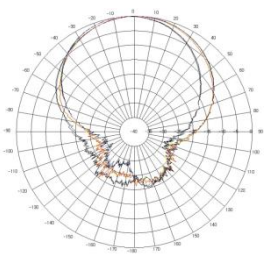

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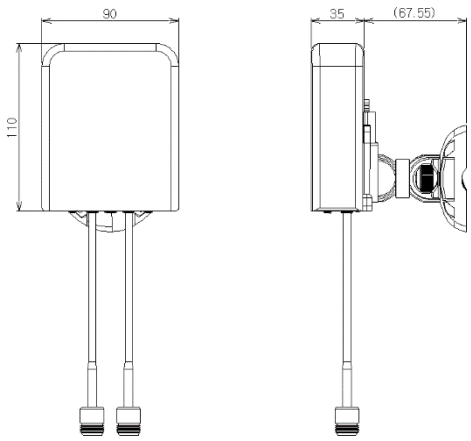
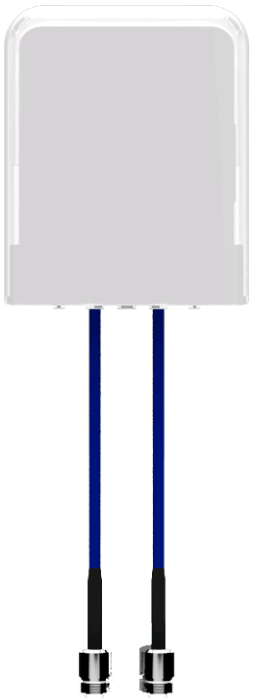


Install Configuration

PXHWF90-0505

1960~2170 / 2540~2580MHz
Multi Band Dual Polarization
Directional Patch Antenna

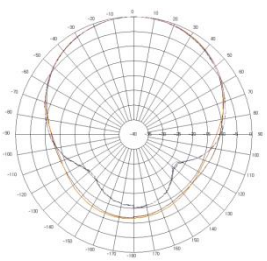


Electrical Specifications

Frequency Band		1960~ 2170MHz	2540~ 2580MHz
Gain		5dBi	
Polarization		±45°	
Half Power Beam width	Horizontal	95°	85°
	Vertical	80°	75°
Front-to-Back Ratio		7	
VSWR		2.0:1	
Intermodulation IM3	2 x 37dBm	-140dBc	
Isolation		20	
Maximum Input Power		20W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	(W x D x H)	90×35×110mm
Weight		0.3Kg
Connector Type		N Female × 2
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-



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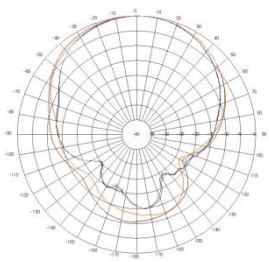
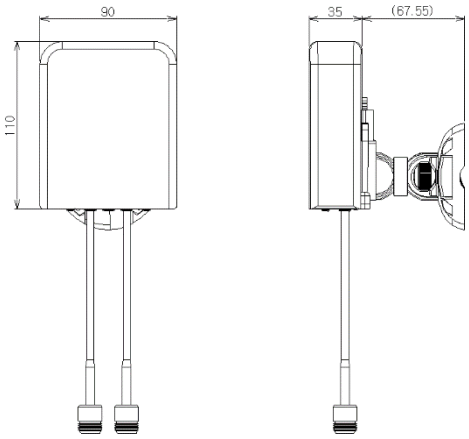


Vertical



Install Configuration

PXHT65-08

1710~2690MHz
Broad Band Dual Polarization
Directional Patch Antenna

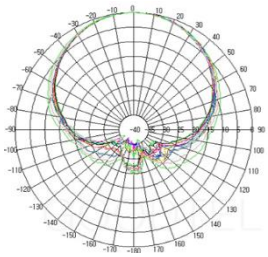
Electrical Specifications

Frequency Band		1710~2690MHz
Gain		8dBi
Polarization		±45°
Half Power Beam width	Horizontal	60°
	Vertical	60°
Front-to-Back Ratio		15
VSWR		1.8:1
Intermodulation IM3	2 x 37dBm	-150dBc
Isolation		20
Maximum Input Power		10W
Impedance		50Ω

Mechanical Specifications

IP CLASS		IPX4
Dimension	(W x D x H)	150×44×170mm
Weight		0.3Kg
Connector Type		N Female × 2
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-

In-Building
1700~2700MHz



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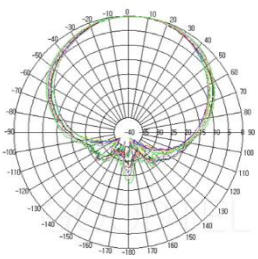

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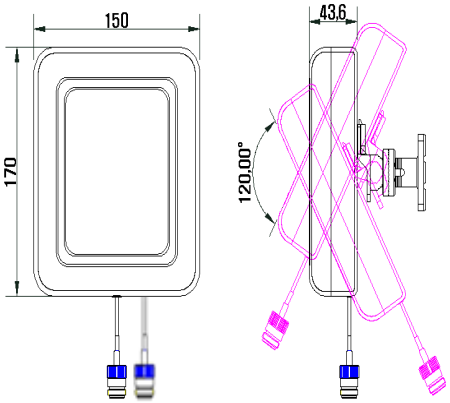


Install Configuration

PXTT7570-0607

698~960 / 1710~2700MHz
Multi Band Dual Polarization
Directional Patch Antenna

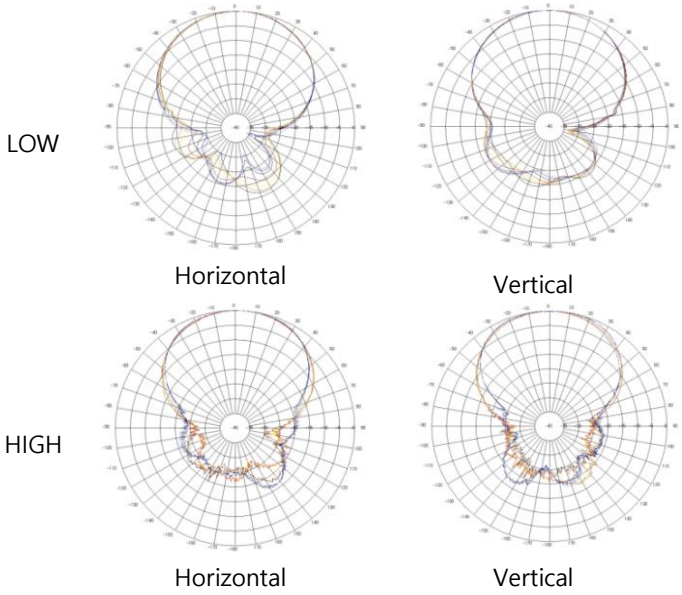
Electrical Specifications

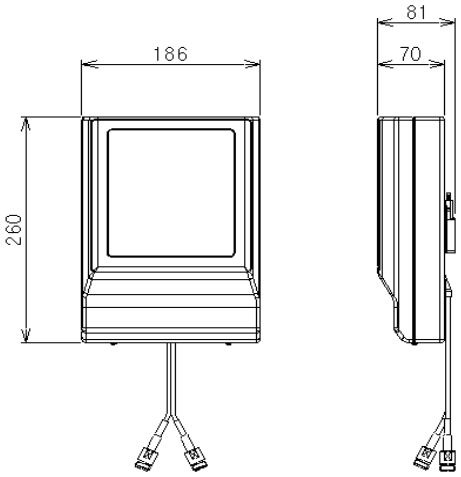
Frequency Band		698~960MHz	1710~2170MHz	2300~2690MHz
Gain		6dBi	7dBi	6dBi
Polarization			±45°	
Half Power Beam width	Horizontal	70°	60°	60°
	Vertical	60°	55°	60°
Front-to-Back Ratio		13	15	15
VSWR		2.0:1	1.8:1	
Isolation		20	20	
Intermodulation IM3 (2 x 37 dBm)dBc			-150	
Maximum Input Power			20W	
Impedance			50Ω	

Mechanical Specifications

Dimension	(W x D x H)	190×70×260mm
Weight		1Kg
Connector Type		N – Female*2 (including. SF141 cable 30cm)
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-

In-Building Multi-band





Install Configuration

PXLTHJAF65-0707

718~960 / 1427~1495 / 1710~2575MHz
Multi Band Dual Polarization
Directional Patch Antenna

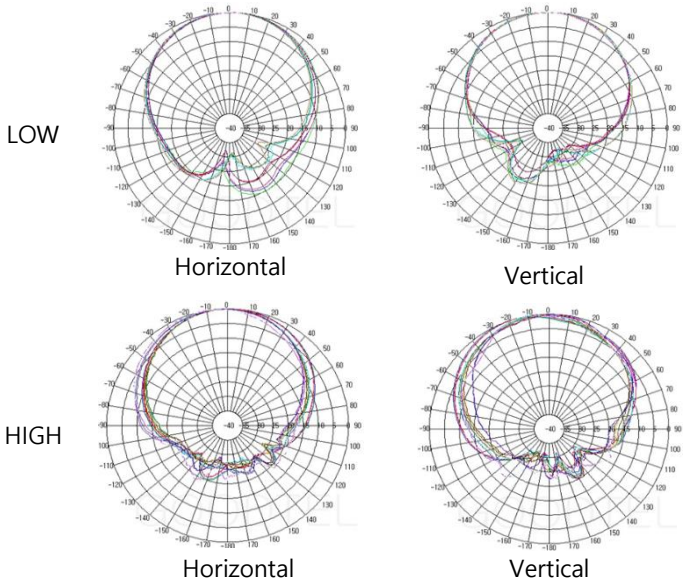
Electrical Specifications

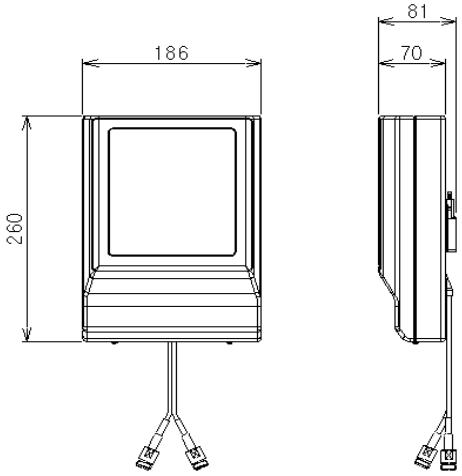
Frequency Band		718~960MHz	1427~1495MHz	1710~2170MHz	2545~2575MHz
Gain		7.8dBi	6.3dBi	7.3dBi	7dBi
Polarization		±45°			
Half Power Beam width	Horizontal	70°	60°	55°	60°
	Vertical	60°	60°	55°	50°
Front-to-Back Ratio		13	15	15	15
VSWR		2.0:1		2.0 :1	
Isolation		20		20	
Intermodulation IM3 (2 x 37 dBm)dBc		-150			
Maximum Input Power		10W			
Impedance		50Ω			

Mechanical Specifications

Dimension	(W x D x H)	190×70×260mm
Weight		1Kg
Connector Type		N – Female*2 (including. SF141 cable 30cm)
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		-

In-Building Multi-band





Install Configuration

Index LP Antenna

LP

Type	Frequeny Range (MHz)	Port	Gain(dBi)	Model	Page
SISO / V-POL	1710~2690	1	12	YVHT40-12	48
	806~960/1710~2690	1	5/11	YVAT9040-0511	49
		1	12/12	YVAT5035-1212	50
		1	8/14	YVAT6530-0814	51

YVHT40-12

1710~2690MHz
Multi Band Single Polarization
Directional LP Antenna

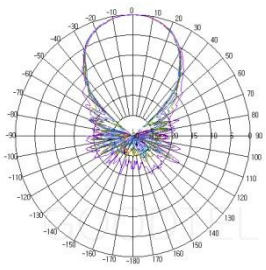
Electrical Specifications

Frequency Band		1710~2690MHz
Gain		12dBi
Polarization		Vertical
Half Power Beam width	Horizontal	40°
	Vertical	40°
Front-to-Back Ratio		15dB
VSWR		1.5:1
Intermodulation IM3	2 x 40dBm	-140dBc
Maximum Input Power		100W
Impedance		50Ω

Mechanical Specifications

IP CLASS		IPX4
Dimension	W/H/D	97/580/36mm
Weight		0.8Kg
Connector Type		N Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		± 0°~20°

In-Building
1700~2700MHz



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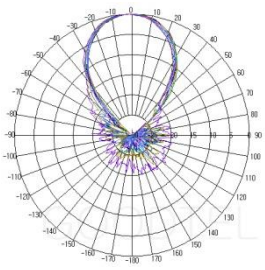

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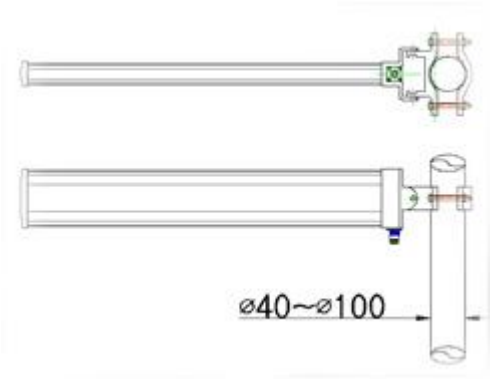


Install Configuration

YVAT9040-0511

806~960 / 1710~2690MHz
Multi Band Single Polarization
Directional LP Antenna

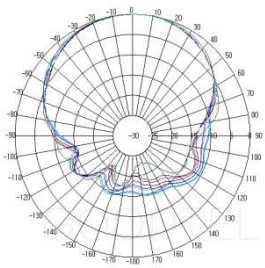
Electrical Specifications

Frequency Band		806~ 960MHz	1710~ 2690MHz
Gain		5dBi	11dBi
Polarization		Vertical	
Half Power Beam width	Horizontal	≥80°	≥35°
	Vertical	≥60°	≥30°
Front-to-Back Ratio		10dB	15dB
VSWR		1.6:1	1.5:1
Intermodulation IM3	2 x 40dBm	-140dBc	
Maximum Input Power		100W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	W/H/D	97/660/36mm
Weight		1Kg
Connector Type		N Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		± 0°~20°

LOW



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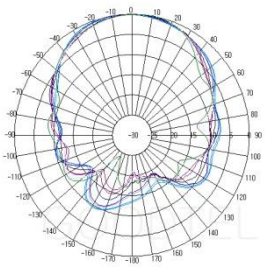

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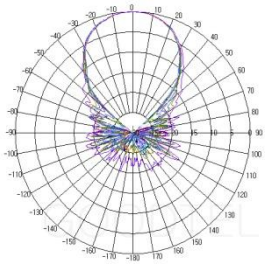

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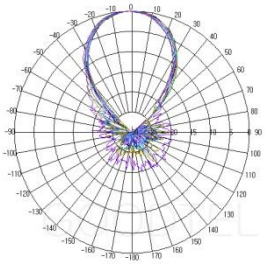

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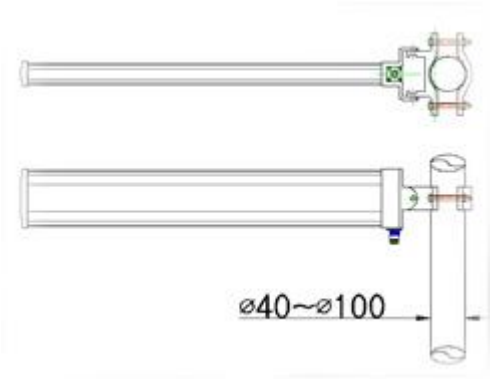


Install Configuration

YVAT5035-1212

806~960 / 1710~2690MHz
Multi Band Single Polarization
Directional LP Antenna

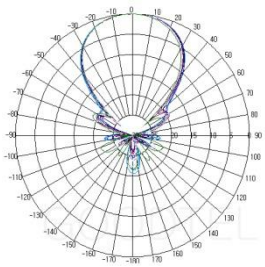
Electrical Specifications

Frequency Band		806~ 960MHz	1710~ 2690MHz
Gain		12dBi	12dBi
Polarization		Vertical	
Half Power Beam width	Horizontal	≥40°	≥30°
	Vertical	≥40°	≥25°
Front-to-Back Ratio		15dB	
VSWR		1.5:1	1.5:1
Intermodulation IM3	2 x 40dBm	-140dBc	
Maximum Input Power		100W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	W/H/D	97/1225/36mm
Weight		1.5Kg
Connector Type		N Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		± 0°~20°

LOW



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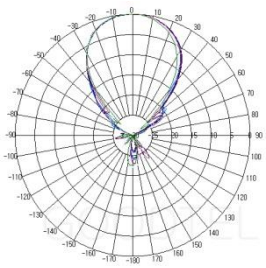
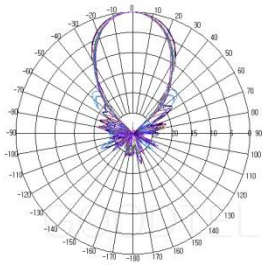


Vertical

HIGH



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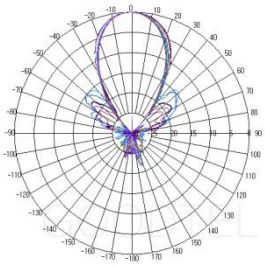

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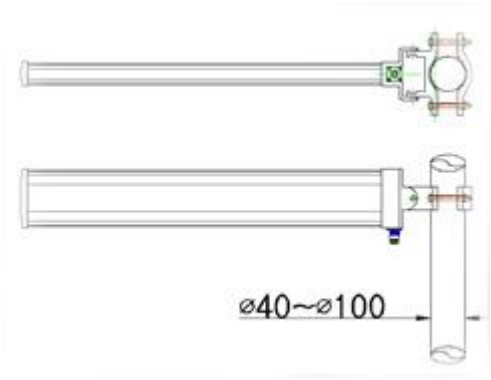


Install Configuration

YVAT6530-0814

806~960 / 1710~2690MHz
Multi Band Single Polarization
Directional LP Antenna

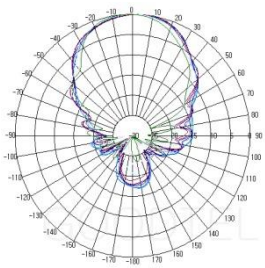
Electrical Specifications

Frequency Band		806~960MHz	1710~2690MHz
Gain		8dBi	14dBi
Polarization		Vertical	
Half Power Beam width	Horizontal	≥55°	≥25°
	Vertical	≥45°	≥25°
Front-to-Back Ratio		15dB	
VSWR		1.6:1	1.5:1
Intermodulation IM3	2 x 40dBm	-140dBc	
Maximum Input Power		100W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	W/H/D	97/1160/36mm
Weight		1.3Kg
Connector Type		N Female
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		± 0°~20°

LOW



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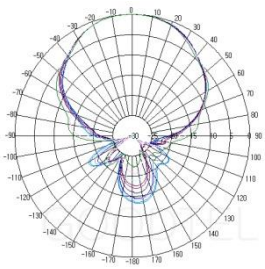

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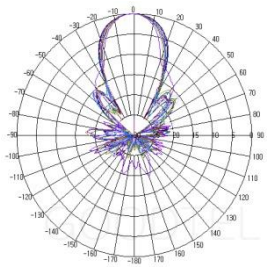

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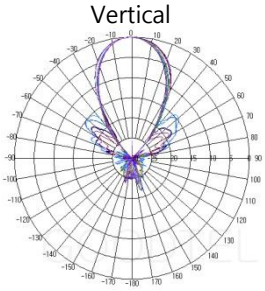

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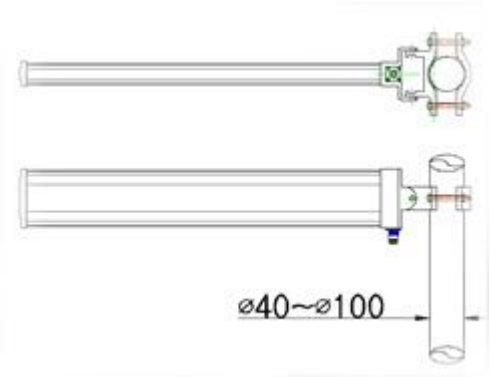


Install Configuration

Index Cylindrical Antenna

Cylindrical

Type	Frequeny Range (MHz)	Port	Gain(dBi)	Model	Page
SISO / V-POL	824~894/1710~2170	1	5/7	VSA12080-0507C	53
MIMO / X-POL	1920~2170	2	8	XHW80-08C	54
	1920~2170	2	8	XHW80-11C	55
	824~894/1710~2170	4	7/8	XXSA10070-0709C	56
		2	7/8	XXSA10070-0708DC	57
	824~894 / 1755~2170 / 2500~2660	4	6/7/8	XXSAF10080-060708C	58

VSA12080-0507C

824~894 / 1710~2170MHz
Multi Band Single Polarization
Directional Cylindrical Antenna

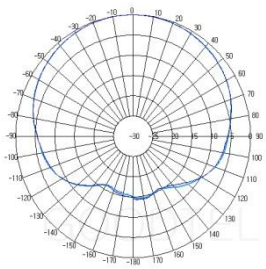
Electrical Specifications

Frequency Band		824~ 894MHz	1710~ 2170MHz
Gain		5dBi	7dBi
Polarization		Vertical	
Half Power Beam width	Horizontal	120°	80°
	Vertical	80°	55°
Front-to-Back Ratio		10dB	15dB
VSWR		1.8:1	1.5:1
Intermodulation IM3	2 x 43dBm	-140dBc	
Maximum Input Power		200W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	Ø/H	Ø80/250mm
Weight		0.8Kg
Connector Type		DIN Female × 1
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		± 0°~20°

LOW



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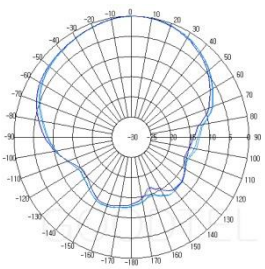

Vertical

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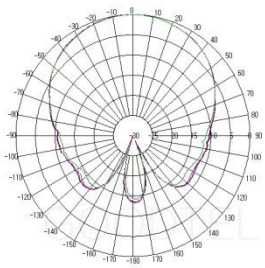

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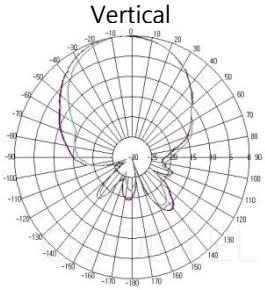

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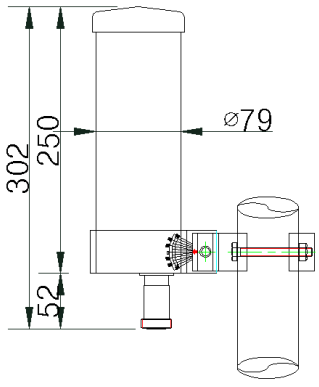


Install Configuration

XHW80-08C

1920~2170MHz
Broad Band Dual Polarization
Directional Cylindrical Antenna

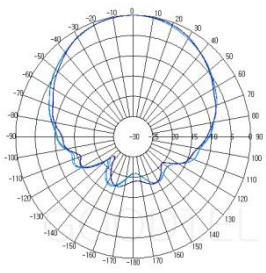
Electrical Specifications

Frequency Band		1920~2170MHz
Gain		8dBi
Polarization		±45°
Half Power Beam width	Horizontal	80°
	Vertical	55°
Front-to-Back Ratio		15dB
VSWR		1.5:1
Isolation		25dB
Intermodulation IM3	2 x 43dBm	-140dBc
Maximum Input Power		50W
Impedance		50Ω

Mechanical Specifications

IP CLASS		IPX4
Dimension	Ø/H	Ø80/290mm
Weight		0.8Kg
Connector Type		N or DIN Female × 2
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		± 0°~20°

In-Building
1700~2200MHz



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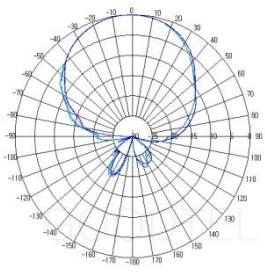

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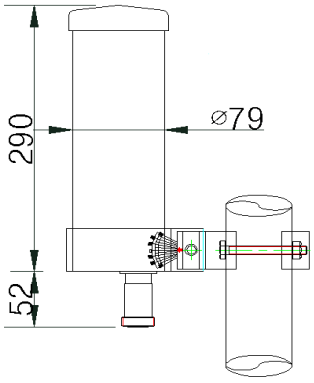


Install Configuration

XHW80-11C

1920~2170MHz
Broad Band Dual Polarization
Directional Cylindrical Antenna

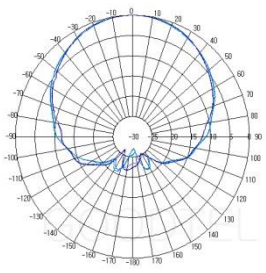
Electrical Specifications

Frequency Band		1920~2170MHz
Gain		11dBi
Polarization		±45°
Half Power Beam width	Horizontal	80°
	Vertical	25°
Front-to-Back Ratio		17dB
VSWR		1.5:1
Isolation		25dB
Intermodulation IM3	2 x 43dBm	-140dBc
Maximum Input Power		50W
Impedance		50Ω

Mechanical Specifications

IP CLASS		IPX4
Dimension	Ø/H	Ø80/400mm
Weight		1.5Kg
Connector Type		N or DIN Female × 2
Radome Material		ASA (prevent UV)
Mechanical Down Tilt		± 0°~20°

In-Building
1700~2200MHz



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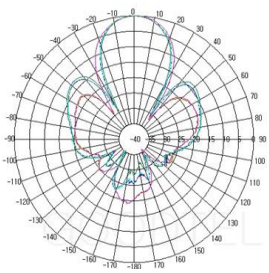

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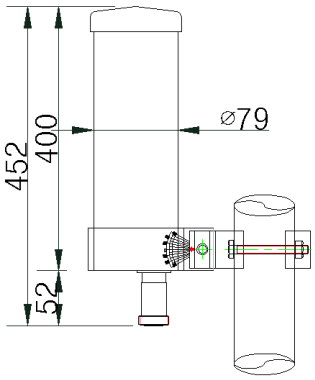


Install Configuration

Product Specifications Sheet MIMO series for IBS

XXSA10070-0709C

824~894 / 1710~2170MHz
Multi Band Dual Polarization
Directional Cylindrical Antenna

Electrical Specifications

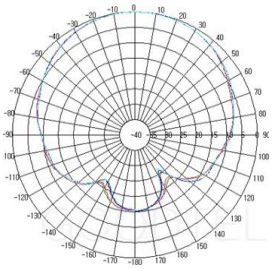
Frequency Band		824~894MHz	1710~2170MHz
Gain		7dBi	9dBi
Polarization		±45°	
Half Power Beam width	Horizontal	100°	70°
	Vertical	95°	65°
Front-to-Back Ratio Horizontal (180°± 30°) Vertical (180°± 60°)		≥10	≥15
VSWR		1.8:1	1.5:1
Isolation	Port to Port	20dB	25dB
	Band to Band	25dB	
(CPR, Cross-Polar Ratio)	0°	≥ 15dB	≥ 18dB
	±60°	≥ 6dB	≥ 8dB
Tracking (±60°)		≤ 3dB	≤ 3dB
Squint		±5°	±3.5°
Intermodulation IM3	2 x 43dBm	-140dBc	
Maximum Input Power		200W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	(Φ/D)	Φ118x562mm
Weight (Without clamp)		2.3Kg
Connector Type		7/16″DIN-Female × 4
Radome Material		ABS (prevent UV), FRP
Mechanical Down Tilt		≥ 20°

In-Building Multi-band

LOW



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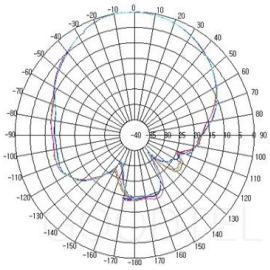
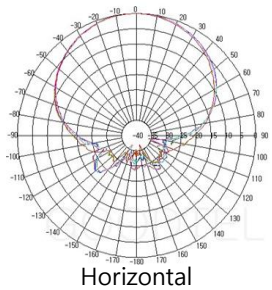


Vertical

HIGH



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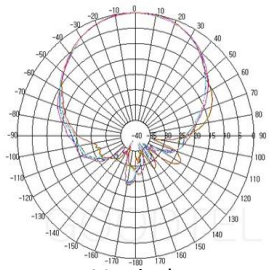

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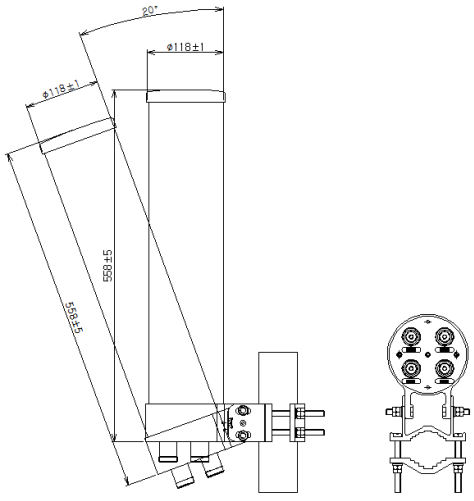


Install Configuration

XXSA10070-0708DC

824~894 / 1710~2170MHz
Multi Band Dual Polarization
Directional Cylindrical Antenna

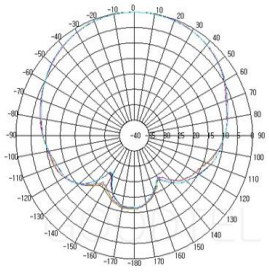
Electrical Specifications

Frequency Band		824~894MHz	1710~2170MHz
Gain		7dBi	8dBi
Polarization		±45°	
Half Power Beam width	Horizontal	100°	70°
	Vertical	65°	65°
Front-to-Back Ratio Horizontal (180°± 30°) Vertical (180°± 60°)		≥10	≥15
VSWR		1.8:1	1.5:1
Isolation	Port to Port	20dB	25dB
	Band to Band	25dB	
(CPR, Cross-Polar Ratio)	0°	≥ 15dB	≥ 18dB
	±60°	≥ 6dB	≥ 8dB
Tracking (±60°)		≤ 3dB	≤ 3dB
Squint		±5°	±3.5°
Intermodulation IM3	2 x 43dBm	-140dBc	
Maximum Input Power		200W	
Impedance		50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	(Φ/D)	Φ118x562mm
Weight (Without clamp)		2.3Kg
Connector Type		7/16″DIN-Female × 2
Radome Material		ABS (prevent UV), FRP
Mechanical Down Tilt		≥ 20°

LOW



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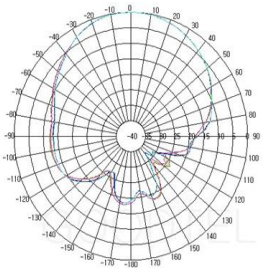

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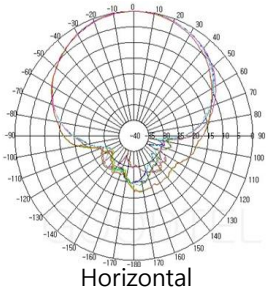

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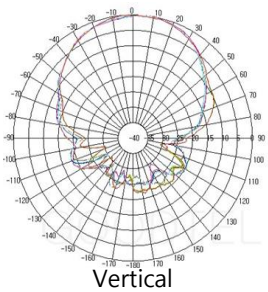

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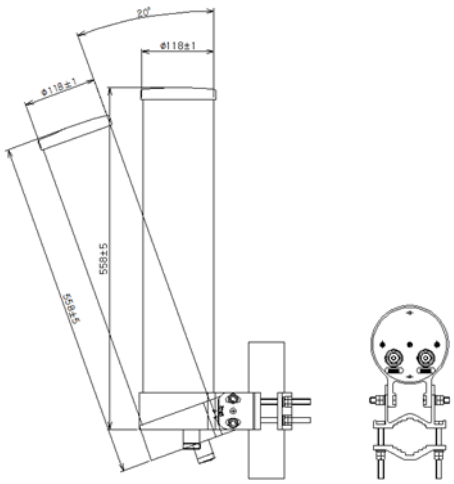


Install Configuration

In-Building Multi-band

Product Specifications Sheet MIMO series for IBS

XXSAF10080-060708C

824~894 / 1755~2170 / 2500~2660MHz
Multi Band Dual Polarization
Directional Cylindrical Antenna

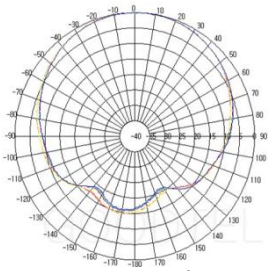
Electrical Specifications

Frequency Band		824~894MHz	1755~2170MHz	2500~2660MHz
Gain		6dBi	7dBi	7.5dBi
Polarization			±45°	
Half Power Beam width	Horizontal	100°	80°	80°
	Vertical	75°	65°	70°
Front-to-Back Ratio Horizontal (180°± 30°) Vertical (180°± 60°)		≥10	≥15	
VSWR		1.8:1	1.5:1	
Isolation	Port to Port	20dB	25dB	
	Band to Band		25dB	
(CPR, Cross-Polar Ratio)	0°	≥ 15dB	≥ 18dB	
	±60°	≥ 6dB	≥ 8dB	
Tracking (±60°)		≤ 3dB	≤ 3dB	
Squint		±5°	±3.5°	
Intermodulation IM3	2 x 43dBm		-140dBc	
Maximum Input Power			200W	
Impedance			50Ω	

Mechanical Specifications

IP CLASS		IPX4
Dimension	(Φ/D)	Φ118x562mm
Weight (Without clamp)		2.3Kg
Connector Type		7/16″DIN-Female × 4
Radome Material		ABS (prevent UV)
Mechanical Down Tilt		≥ 20°

LOW



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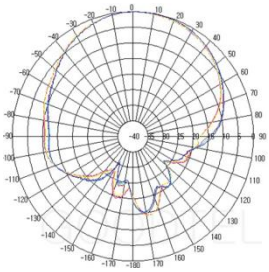
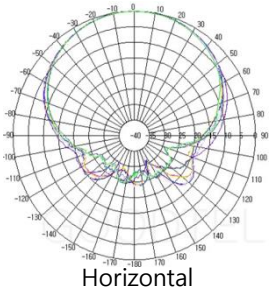


Vertical

HIGH



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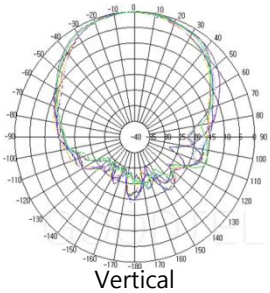

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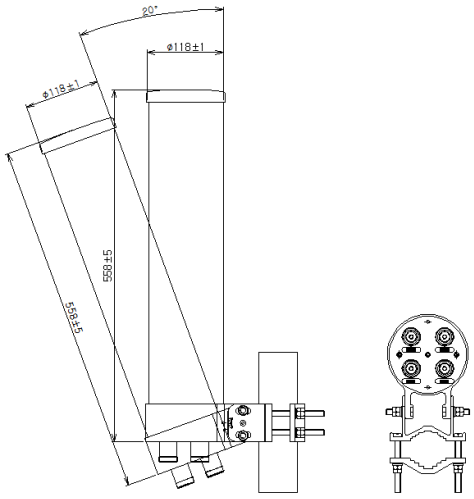

Install Configuration

In-Building Multi-band