



Dian Communication Co.,Ltd.

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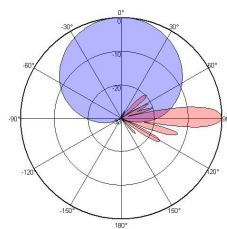
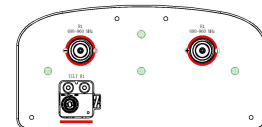
1 port,698-2690MHz, 9dBi,10dBi,Log periodic Antenna-WDS-CF065V0910Q00CV01..... 74

1.Base Station Antenna

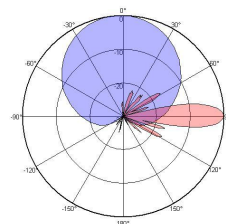


2 port,1L,14.5dBi,Panel Antenna-JBX-CC065R0015D12CV01

Electrical specifications	
Frequency Range (MHz)	698-960
Polarization	±45°
Gain(dBi)	14.5
Horizontal Beam width(°)	65
Vertical Beam width(°)	15
Electrical Down tilt (°)	2-12
Electrical Down tilt Deviation(°)	±1.5
1st Upper Side-lobe Suppression(dB)	≤-15
Front-To-Back Ratio,180°±30°(dB)	≥25
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	250
VSWR	≤1.5
Isolation (dB)	≥26
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



698MHz

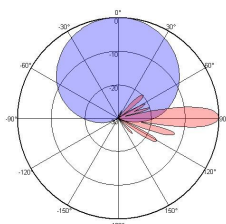
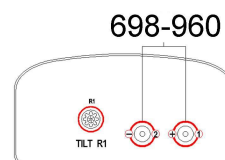


960MHz

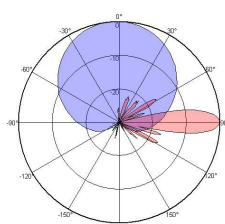
Mechanical specifications	
Antenna size(mm)	1450×300×150
Packing size(mm)	1700*400*300
Antenna weight(kg)	18
Mounting weigh(kg)	5.4
Packing weigh(kg)	28
Connector	2×7/16DIN-Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(℃)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

2 port,1L,16.5dBi,Panel Antenna-JBX-CC065R0017D12CV01

Electrical specifications	
Frequency Range (MHz)	698-960
Polarization	±45°
Gain(dBi)	16.5
Horizontal Beam width(°)	65
Vertical Beam width(°)	9.5
Electrical Down tilt (°)	2-12
Electrical Down tilt Deviation(°)	±1
1st Upper Side-lobe Suppression(dB)	≤-15
Front-To-Back Ratio,180°±30°(dB)	≥26
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	500
VSWR	≤1.5
Isolation (dB)	≥30
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



698MHz



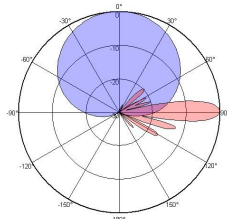
960MHz

Mechanical specifications	
Antenna size(mm)	1980×300×150
Packing size(mm)	2200×400×300
Antenna weight(kg)	13.8
Mounting weigh(kg)	8
Packing weigh(kg)	25
Connector	2x7/16 DIN Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(℃)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

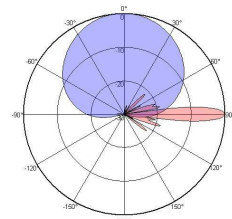
4 port,2L,12dBi,Panel Antenna-JBX-CC065R0012D12CV01

Electrical specifications

Frequency Range (MHz)	698--960
Polarization	±45°
Gain(dBi)	12±1
Horizontal Beam width(°)	68
Vertical Beam width(°)	26
Electrical Down tilt (°)	2-12
Electrical Down tilt Deviation(°)	±1
1st Upper Side-lobe Suppression(dB)	≤-15
Front-To-Back Ratio,180°±30°(dB)	≥23
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	250
VSWR	≤1.5
Isolation (dB)	≥28
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



698MHz



960MHz

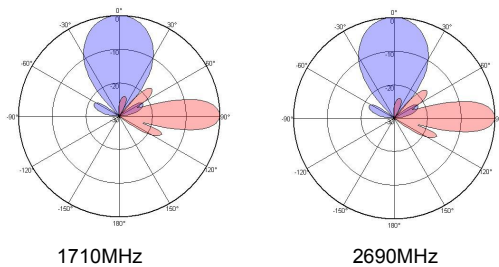
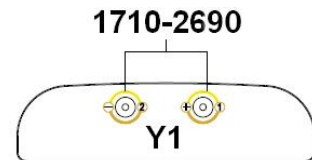
Mechanical specifications

Antenna size(mm)	800×416×164
Packing size(mm)	1100×520×270
Antenna weight(kg)	10
Mounting weigh(kg)	3.5
Packing weigh(kg)	15
Connector	4×4.3-10-Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(℃)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

2 port,1H,9dBi,Panel Antenna-JBX-ED065R0009Q00CV01

Electrical specifications

Frequency Range (MHz)	1710-2690
Polarization	±45°
Gain(dBi)	9
Horizontal Beam width(°)	65
Vertical Beam width(°)	55
Electrical Down tilt (°)	/
Electrical Down tilt Deviation(°)	/
1st Upper Side-lobe Suppression(dB)	≤-15
Front-To-Back Ratio,180°±30°(dB)	≥25
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	250
VSWR	≤1.5
Isolation (dB)	≥28
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



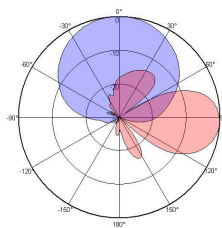
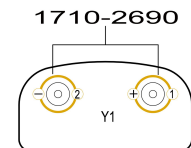
Mechanical specifications

Antenna size(mm)	375×160×83
Packing size(mm)	450×200×150
Antenna weight(kg)	2.1
Mounting weigh(kg)	5.6
Packing weigh(kg)	11
Connector	2×7/16DIN-Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(℃)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

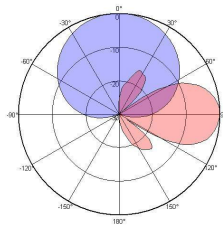
2 port, 1H, 12dBi, Panel Antenna-JBX-ED065R0012Q03CV01

Electrical specifications

Frequency Range (MHz)	1710-2690
Polarization	±45°
Gain(dBi)	11.5
Horizontal Beam width(°)	65
Vertical Beam width(°)	30
Electrical Down tilt (°)	3
Electrical Down tilt Deviation(°)	±1
1st Upper Side-lobe Suppression(dB)	≥15
Front-To-Back Ratio, 180°±30°(dB)	≥25
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	300
VSWR	≤1.5
Isolation (dB)	≥28
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



1710MHz



2690MHz

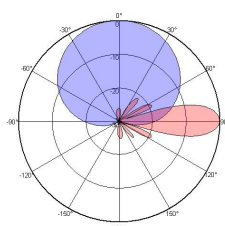
Mechanical specifications

Antenna size(mm)	280×160×85
Packing size(mm)	380×4-220×105
Antenna weight(kg)	3.7
Mounting weigh(kg)	5.6
Packing weigh(kg)	13
Connector	2×N-Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(℃)	-40~60
Operating Humidity(%)	≤95
Wind resistance(km/h)	200
Waterproof	IP65

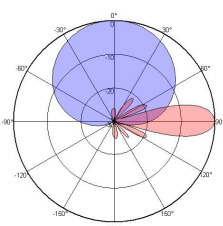
4 port,2H,14.5dBi,Panel Antenna-JBX-ED065R0015D12CV01

Electrical specifications

Frequency Range (MHz)	1710-2690
Polarization	±45°
Gain(dBi)	14.5
Horizontal Beam width(°)	65
Vertical Beam width(°)	14
Electrical Down tilt (°)	2-12
Electrical Down tilt Deviation(°)	±1
1st Upper Side-lobe Suppression(dB)	≤-15
Front-To-Back Ratio,180°±30°(dB)	≥25
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	300
VSWR	≤1.5
Isolation (dB)	≥28
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



1710MHz



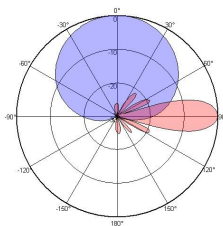
2690MHz

Mechanical specifications

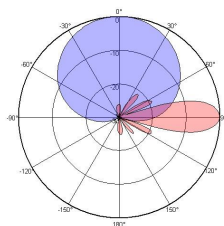
Antenna size(mm)	670×322×106
Packing size(mm)	800×405×190
Antenna weight(kg)	8
Mounting weigh(kg)	3
Packing weigh(kg)	12
Connector	4*7/16 DIN Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(℃)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

4 port,2H,16dBi,Panel Antenna-JBX-ED065R0016D12CV01

Electrical specifications	
Frequency Range (MHz)	1710-2690
Polarization	±45°
Gain(dBi)	16
Horizontal Beam width(°)	65
Vertical Beam width(°)	9
Electrical Down tilt (°)	2-12
Electrical Down tilt Deviation(°)	±1
1st Upper Side-lobe Suppression(dB)	≤-15
Front-To-Back Ratio,180°±30°(dB)	≥25
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	200
VSWR	≤1.5
Isolation (dB)	≥28
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



1710MHz

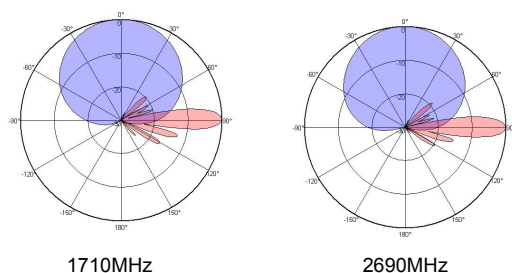


2690MHz

Mechanical specifications	
Antenna size(mm)	1305×320×105
Packing size(mm)	1550×420×300
Antenna weight(kg)	18
Mounting weigh(kg)	8
Packing weigh(kg)	30
Connector	4*7/16 DIN Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(℃)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

4 port,2H,17.5dBi,Panel Antenna-JBX-ED065R0018D12CV01

Electrical specifications	
Frequency Range (MHz)	1710-2690
Polarization	±45°
Gain(dBi)	17.5
Horizontal Beam width(°)	65
Vertical Beam width(°)	7
Electrical Down tilt (°)	2-12
Electrical Down tilt Deviation(°)	±1
1st Upper Side-lobe Suppression(dB)	≤-16
Front-To-Back Ratio,180°±30°(dB)	≥25
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	200
VSWR	≤1.5
Isolation (dB)	≥30
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground

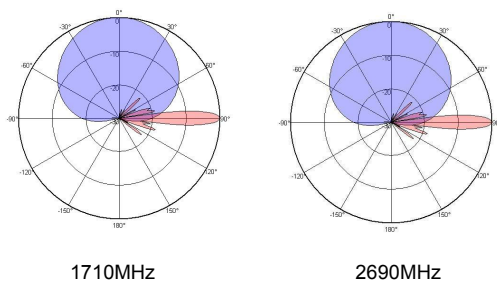


Mechanical specifications	
Antenna size(mm)	1420×320×105
Packing size(mm)	1750×420×180
Antenna weight(kg)	30
Mounting weigh(kg)	13
Packing weigh(kg)	46
Connector	4*7/16 DIN Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(℃)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

6 port,3H,17.5dBi,Panel Antenna-JBX-ED065R0018D12CV01

Electrical specifications

Frequency Range (MHz)	1710-2690
Polarization	±45°
Gain(dBi)	17.5
Horizontal Beam width(°)	65
Vertical Beam width(°)	6.5
Electrical Down tilt (°)	2-12
Electrical Down tilt Deviation(°)	±1
1st Upper Side-lobe Suppression(dB)	≥15
Front-To-Back Ratio,180°±30°(dB)	≥25
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	250
VSWR	≤1.5
Isolation (dB)	≥26
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



1710MHz

2690MHz

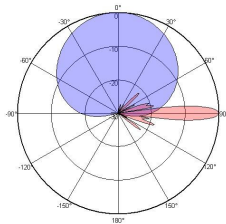
Mechanical specifications

Antenna size(mm)	1330×472×88
Packing size(mm)	1630×522×138
Antenna weight(kg)	24.8
Mounting weigh(kg)	5.6
Packing weigh(kg)	32
Connector	6×7/16DIN-Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(℃)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

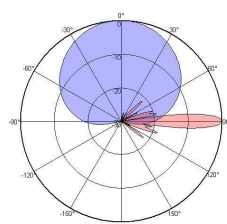
8 port,4H,17.5dBi,Panel Antenna-JBX-ED065R0018D12CV02

Electrical specifications

Frequency Range (MHz)	1710-2690
Polarization	±45°
Gain(dBi)	17.5
Horizontal Beam width(°)	65
Vertical Beam width(°)	≥6
Electrical Down tilt (°)	2-12
Electrical Down tilt Deviation(°)	±1
1st Upper Side-lobe Suppression(dB)	≥15
Front-To-Back Ratio,180°±30°(dB)	≥25
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	250
VSWR	≤1.5
Isolation (dB)	≥26
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



1710MHz



2690MHz

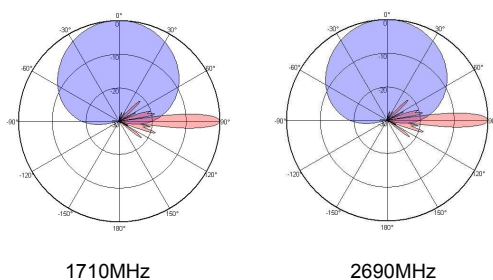
Mechanical specifications

Antenna size(mm)	1420×550×160
Packing size(mm)	1700×600×250
Antenna weight(kg)	32
Mounting weigh(kg)	13
Packing weigh(kg)	50
Connector	8×4.3-10
Connector Location	Bottom
Radome Material	FRP
Radome Color	Gray
Operating Temperature(℃)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	200
Waterproof	IP65

8 port,4H,18dBi,Panel Antenna-JBX-ED030R0018D12CV01

Electrical specifications

Frequency Range (MHz)	1710-2170	2300-2690
Polarization	$\pm 45^{\circ}$	
Gain(dBi)	17	18
Horizontal Beam width($^{\circ}$)	27-42	
Vertical Beam width($^{\circ}$)	8.5-13.5	
Electrical Down tilt ($^{\circ}$)	2-12	
Electrical Down tilt Deviation($^{\circ}$)	± 1	
1st Upper Side-lobe Suppression(dB)	≥ 15	
Front-To-Back Ratio, $180^{\circ} \pm 30^{\circ}$ (dB)	≥ 25	
Cross-polar Discrimination@ 0° (dB)	≥ 15	
Maximum Power per Port(W)	200	
VSWR	≤ 1.5	
Isolation (dB)	≥ 28	
Intermodulation IM3(dBc)	≤ -150 (@ 2×43 dBm)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



1710MHz

2690MHz

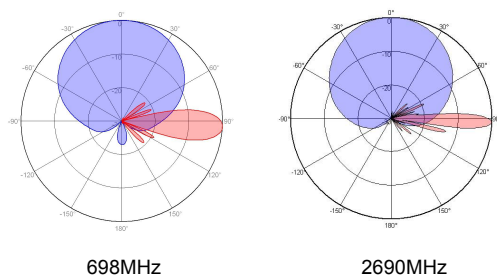
Mechanical specifications

Antenna size(mm)	1650×550×160
Packing size(mm)	1850×650×220
Antenna weight(kg)	26
Mounting weigh(kg)	8
Packing weigh(kg)	39
Connector	8×4.3-10
Connector Location	Bottom
Radome Material	FRP
Radome Color	Gray
Operating Temperature($^{\circ}\text{C}$)	-40~65
Operating Humidity(%)	≤ 95
Wind resistance(km/h)	200
Waterproof	IP65

4 port,1L1H,14dBi,16dBi,Panel Antenna-JBX-CF065R1416D12CV01

Electrical specifications

Frequency Range (MHz)	698-960	1710-2690
Polarization	$\pm 45^\circ$	
Gain(dBi)	14	16
Horizontal Beam width($^\circ$)	65	65
Vertical Beam width($^\circ$)	15	8
Electrical Down tilt ($^\circ$)	2-12	2-12
Electrical Down tilt Deviation($^\circ$)	± 1	
1st Upper Side-lobe Suppression(dB)	≤ -15	≤ -15
Front-To-Back Ratio,180 $^\circ \pm 30^\circ$ (dB)	≥ 25	≥ 25
Cross-polar Discrimination@0 $^\circ$ (dB)	≥ 15	≥ 15
Maximum Power per Port(W)	250	
VSWR	≤ 1.5	
Isolation (dB)	≥ 28	
Intermodulation IM3(dBc)	≤ -150 (@2*43dBm)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	

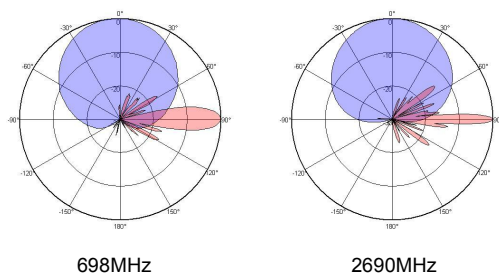


Mechanical specifications

Antenna size(mm)	1200×300×150
Packing size(mm)	1300×400×250
Antenna weight(kg)	18
Mounting weigh(kg)	5.5
Packing weigh(kg)	28
Connector	4×7/16DIN-Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature($^\circ\text{C}$)	-40~65
Operating Humidity(%)	≤ 95
Wind resistance(km/h)	210
Waterproof	IP65

4 port,1L1H,16dBi,18dBi,Panel Antenna-JBX-CF065R1618D12CV01

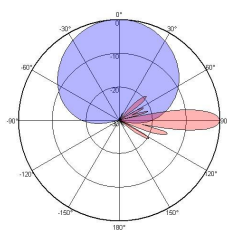
Electrical specifications		
Frequency Range (MHz)	698-960	1710-2690
Polarization	$\pm 45^\circ$	
Gain(dBi)	15.5	17.5
Horizontal Beam width($^\circ$)	65	65
Vertical Beam width($^\circ$)	15	15
Electrical Down tilt ($^\circ$)	2-12	
Electrical Down tilt Deviation($^\circ$)	± 1	
1st Upper Side-lobe Suppression(dB)	≤ -16	≤ -16
Front-To-Back Ratio,180 $^\circ$ $\pm$ 30 $^\circ$ (dB)	≥ 25	≥ 25
Cross-polar Discrimination@0 $^\circ$ (dB)	≥ 15	≥ 15
Maximum Power per Port(W)	250	
VSWR	≤ 1.5	
Isolation (dB)	≥ 30	
Intermodulation IM3(dBc)	≤ -150 (@2*43dBm)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



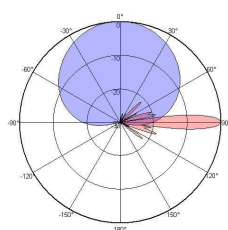
Mechanical specifications	
Antenna size(mm)	2080×300×150
Packing size(mm)	2300*400*300
Antenna weight(kg)	25
Mounting weigh(kg)	5.5
Packing weigh(kg)	36
Connector	4×7/16DIN-Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature($^\circ$ C)	-40~65
Operating Humidity(%)	≤ 95
Wind resistance(km/h)	210
Waterproof	IP65

8 port,2L2H,16dBi,17dBi,Panel Antenna-JBX-DR065R1617D12CV01

Electrical specifications		
Frequency Range (MHz)	2× (698-960)	2× (1710-2170)
Polarization	±45°	
Gain(dBi)	16	17
Horizontal Beam width(°)	65	65
Vertical Beam width(°)	8	7
Electrical Down tilt (°)	2-12	2-12
Electrical Down tilt Deviation(°)	±1	
1st Upper Side-lobe Suppression(dB)	≤-12	≤-12
Front-To-Back Ratio,180°±30°(dB)	≥21	≥21
Cross-polar Discrimination@0°(dB)	≥15	≥15
Maximum Power per Port(W)	80	80
VSWR	≤1.5	
Isolation (dB)	≥25	
Intermodulation IM3 (dBc)	≤-150(@2*43dBm)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



698MHz

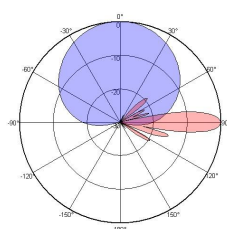


2690MHz

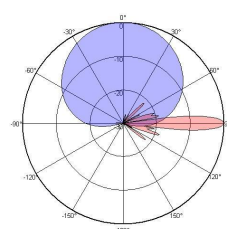
Mechanical specifications	
Antenna size(mm)	1670×416×164
Packing size(mm)	1905×520×275
Antenna weight(kg)	23.5
Mounting weigh(kg)	5.6
Packing weigh(kg)	35
Connector	8×7/16DIN-Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(℃)	-50~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

10 port,2L3H,13.5dBi,16.5dBi,Panel Antenna-JBX-DR065R1416D14CV01

Electrical specifications		
Frequency Range (MHz)	2× (698-960)	3× (1710-2170)
Polarization	±45°	
Gain(dBi)	13.5	16
Horizontal Beam width(°)	65	65
Vertical Beam width(°)	14	8
Electrical Down tilt (°)	0-14	0-10
Electrical Down tilt Deviation(°)	±1	
1st Upper Side-lobe Suppression(dB)	≤-12	≤-12
Front-To-Back Ratio,180°±30°(dB)	≥21	≥23
Cross-polar Discrimination@0°(dB)	≥15	≥15
Maximum Power per Port(W)	500	300
VSWR	≤1.5	
Isolation (dB)	≥28	
Intermodulation IM3 (dBc)	≤-150(@2*43dBm)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



698MHz

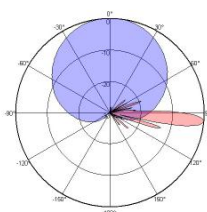


2690MHz

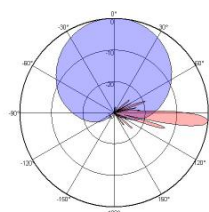
Mechanical specifications	
Antenna size(mm)	1480×468×192
Packing size(mm)	2330×540×280
Antenna weight(kg)	\
Mounting weigh(kg)	\
Packing weigh(kg)	\
Connector	10×7/16DIN-Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(℃)	-50~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

12 port,2*(1710-2690MHz),3 sector ,16dBi

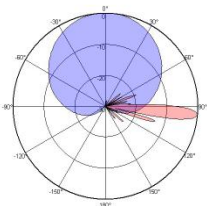
Electrical specifications		
Frequency Range (MHz)	1710-2690*3	1710-2690*3
Polarization	$\pm 45^\circ$	
Gain(dBi)	15.6	16
Horizontal Beam width($^\circ$)	65 ± 5	
Vertical Beam width($^\circ$)	7	
Electrical Down tilt ($^\circ$)	0-10	
Electrical Down tilt Deviation($^\circ$)	± 1	
1st Upper Side-lobe Suppression(dB)	≤ -16	
Front-To-Back Ratio, $180^\circ \pm 30^\circ$ (dB)	≥ 25	
Cross-polar Discrimination@ 0° (dB)	≥ 15	
Maximum Power per Port(W)	250	
VSWR	≤ 1.5	
Isolation (dB)	≥ 28	
Intermodulation IM3(dBc)	≤ -150 (@ 2×43 dBm)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



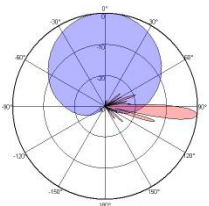
1710MHz



1920MHz



2300MHz

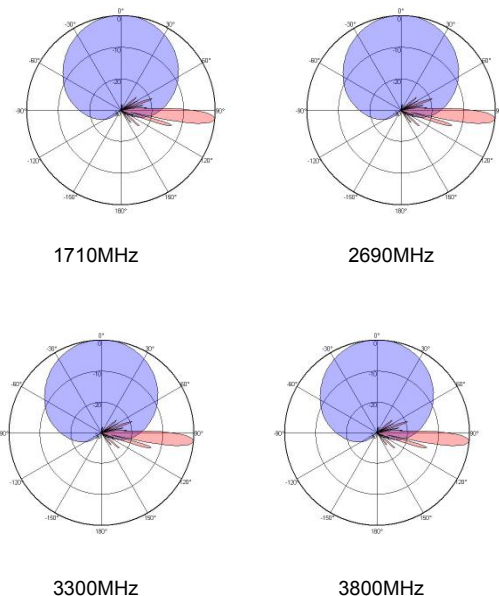


2690MHz

Mechanical specifications	
Antenna size(mm)	$\Phi 280 \times 2100$
Packing size(mm)	$400 \times 400 \times 2500$
Antenna weight(kg)	37
Mounting weigh(kg)	5.4
Packing weigh(kg)	50
Connector	$12 \times 4.3-10$
Connector Location	Bottom
Radome Material	UPVC
Radome Color	Gray
Operating Temperature($^\circ\text{C}$)	$-40 \sim 65$
Operating Humidity(%)	≤ 95
Wind resistance(km/h)	210
Waterproof	IP65

36 port,3 sector(1710-2690*2 ,3300-3800*4),17dBi

Electrical specifications		
Frequency Range (MHz)	1710-2690	3300-3800
Polarization	$\pm 45^\circ$	
Gain(dBi)	15.7	17
Horizontal Beam width($^\circ$)	65 ± 5	
Vertical Beam width($^\circ$)	7	
Electrical Down tilt ($^\circ$)	0-10	
Electrical Down tilt Deviation($^\circ$)	± 1	
1st Upper Side-lobe Suppression(dB)	≤ -16	
Front-To-Back Ratio, $180^\circ \pm 30^\circ$ (dB)	≥ 25	
Cross-polar Discrimination@ 0° (dB)	≥ 15	
Maximum Power per Port(W)	250	
VSWR	≤ 1.5	
Isolation (dB)	≥ 28	≥ 25
Intermodulation IM3(dBc)	$\leq -150(@2*43dBm)$	
Impedance(Ω)	50	
Lightning Protection	DC Ground	

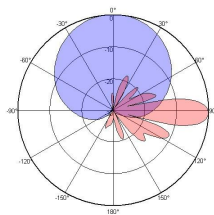


Mechanical specifications	
Antenna size(mm)	$\Phi 380 \times 1950$
Packing size(mm)	$500 \times 500 \times 2300$
Antenna weight(kg)	45
Mounting weigh(kg)	5.4
Packing weigh(kg)	58
Connector	$12 \times 4.3-10+6$ cluster (4pin)
Connector Location	Bottom
Radome Material	UPVC
Radome Color	Gray
Operating Temperature($^\circ\text{C}$)	$-40 \sim 65$
Operating Humidity(%)	≤ 95
Wind resistance(km/h)	210
Waterproof	IP65

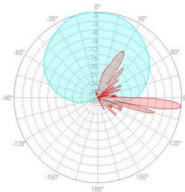
20 port FDD+TDD,15dBi,13dBi,Panel Antenna-JBX-EV065R1513D18CV01

Electrical specifications

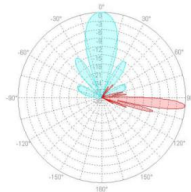
Frequency Range (MHz)	698
Polarization(°)	±45°
Gain(dBi)	14.5
Horizontal Beam width(°)	65
Vertical Beam width(°)	14
Electrical Down tilt (°)	2-18
Electrical Down tilt Deviation(°)	±1
1st Upper Side-lobe Suppression(dB)	≤-16
Front-To-Back Ratio,180°±30°(dB)	≥25
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	250
VSWR	≤1.5
Isolation (dB)	≥28
Intermodulation IM3 (dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



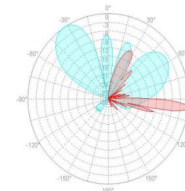
FDD:698MHz



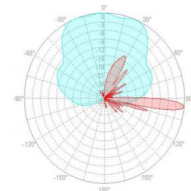
Single Column Beam



0° Service Beam



60° Service Beam



BCH Beam

TDD:2600MHz

Mechanical&Environmental specifications

Antenna size(mm)	2340×322×106
Packing size(mm)	2440×420×203
Antenna weight(kg)	18
Mounting weigh(kg)	8
Packing weigh(kg)	40
Connector FDD L	2*7/16 DIN Female
Connector TDD FAD	2*(4pin+5pin) Cluster
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(°C)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65
Adjustable pitch(°)	0-10
Others	Anti-corrosion, anti-rust

Electrical specifications

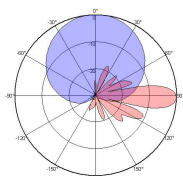
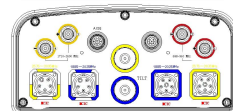
Frequency Range (MHz)		1885~1920	2010~2025	2575~2635
Connector		4*cluster（4+1pin）		
Input impedance（Ω）		50		
All ports & calibration port: VSWR		<1.5		
Co-polar isolation（dB）		≥25		
Cross-polar isolation（dB）		≥25		
Continuous carrier power per port（W）		25	25	
Downtilt(vertical plane)（°）		6		
Downtilt(vertical plane) accuracy（°）		±1		
Calibration port-all port: coupling（dB）		-26±2		
Calibration port-all port max.amplitude offset（dB）		<0.7		
Calibration port-all port max.phase offset（°）		<5		
Element beam	Vertical half power beam-width（°）	7±2		
	The 1 st upside lobe suppression（dB）	/		
	The 1 st lower null-fill（dB）	/		
	Horizontal half power beam-width（°）	100±5	90±15	65±15
	Gain（dBi）	≥11	≥12	≥13
	F/B ratio（dB）	≥23	≥23	≥25
	Cross polarization ratio(axial)（dB）	≥18		
	Cross polarization ratio@±60°（dB）	≥10		
	±60°edge beam power loss(dB)	/		
service beam	0°beam gain（dBi）	≥17	≥17	≥18
	0°beam horizontal HBW（°）	≤29	≤29	≥29
	0°beam side-lope level（dB）	≤-12		
	0°beam cross polarization (axial)（dB）	≥18		
	0°beam F/B ratio（dB）	/		
	±60°beam gain（dBi）	≥12	≥13	
	±60°beam horizontal HPBW（°）	<37		
	±60°beam side-lope level（dB）	≤-5		
	Cross -polarization ratio(axial)（dB）	22		
	F/B ratio（dB）	33		

broadcast beam	Gain（dBi）			11		12		13	
	Power ratio of ± 32.5 °sector（%）								
	Power ratio of ± 60 °sector（%）								
	Horizontal HPBW（°）			65±5		65±5		65±5	
	Vertical HPBW（°）			14		14		12	
	Cross-polarization ratio(axial)（dB）			≥20					
	Cross-polarization@±60°（dB）			≥10					
	F/B ratio（dB）			≥30					
	1 st upper side-lobe suppression(dB)			≤-15					
	1 st lower null-fill（dB）			/					
	±60°edge beam power loss(dB)			12±3					
FA band 65°broadcast beam weighted value									
port	1	2	3	4	5	6	7	8	
Phase（°）	0	-3	-3	177	0	-3	-3	177	
Amplitude	0.46	1	1	0.61	0.46	1	1	0.61	
D band 65°broadcast beam weighted value									
port	1	2	3	4	5	6	7	8	
Phase（°）	-110	0	0	-110	-110	0	0	-110	
Amplitude	0.4	1	1	0.4	0.4	1	1	0.4	

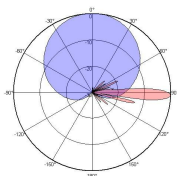
22 port FDD+TDD,15dBi,13dBi,Panel Antenna-JPQ-EV065R1217D12MV01

Electrical specifications

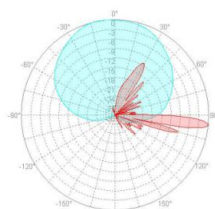
Frequency Range (MHz)	698-960	1710-2690
Polarization(°)	±45	±45
Gain(dBi)	12	14
Horizontal Beam width(°)	65	65
Vertical Beam width(°)	20	13
Electrical Down tilt (°)	2-12	2-12
Electrical Down tilt Deviation(°)	±1	
1st Upper Side-lobe Suppression(dB)	≤-10	≤-13
Front-To-Back Ratio,180°±30°(dB)	≥21	
Cross-polar Discrimination@0°(dB)	≥15	
Maximum Power per Port(W)	250	
VSWR	≤1.5	
Isolation (dB)	≥28	
Intermodulation IM3 (dBc)	≤-150(@2*43dBm)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



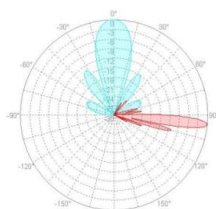
FDD:698MHz



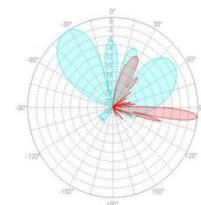
2690MHz



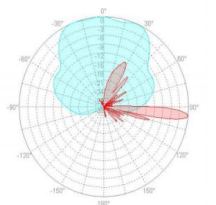
Single Column Beam



0° Service Beam



60° Service Beam



BCH Beam

TDD:2600MHz

Mechanical&Environmental specifications

Antenna size(mm)	2200×322×150
Packing size(mm)	2440×420×203
Antenna weight(kg)	18
Mounting weigh(kg)	8
Packing weigh(kg)	40
Connector FDD L+H	4*7/16 DIN Female
Connector TDD FAD	2*Cluster(4+5pin)
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(°C)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65
Adjustable pitch(°)	0-10
Others	Anti-corrosion, anti-rust

Electrical specifications

Frequency Range (MHz)	1885~1920	2010~2025	2575~2635
Connector	2*cluster (4+5pin)		
Input impedance (Ω)	50		
All ports & calibration port: VSWR	<1.5		
Co-polar isolation (dB)	≥ 25		
Cross-polar isolation (dB)	≥ 25		
Continuous carrier power per port (W)	≥ 50		
Downtilt(vertical plane) ($^{\circ}$)	2-12		
Downtilt(vertical plane) accuracy ($^{\circ}$)	± 1		
Calibration port-all port: coupling (dB)	-26 $\pm$ 2		
Calibration port-all port max.amplitude offset (dB)	<0.7		
Calibration port-all port max.phase offset ($^{\circ}$)	<5		
Element beam	Vertical half power beam-width ($^{\circ}$)	7 $\pm$ 2	
	The 1 st upside lobe suppression (dB)	/	
	The 1 st lower null-fill (dB)	/	
	Horizontal half power beam-width ($^{\circ}$)	100 $\pm$ 5	90 $\pm$ 15
	Gain (dBi)	≥ 13.5	≥ 14.5
	F/B ratio (dB)	≥ 21	≥ 21
	Cross polarization ratio(axial) (dB)	≥ 18	
	Cross polarization ratio@ $\pm 60^{\circ}$ (dB)	≥ 6	
	$\pm 60^{\circ}$ edge beam power loss(dB)	12 $\pm$ 2	
service beam	0 $^{\circ}$ beam gain (dBi)	≥ 19.5	≥ 20
	0 $^{\circ}$ beam horizontal HBW ($^{\circ}$)	≤ 29	≤ 26
	0 $^{\circ}$ beam side-lobe level (dB)	≤ -12	
	0 $^{\circ}$ beam cross polarization (axial) (dB)	≥ 22	
	0 $^{\circ}$ beam F/B ratio (dB)	≥ 28	
	$\pm 60^{\circ}$ beam gain (dBi)	>16	
	$\pm 60^{\circ}$ beam horizontal HPBW ($^{\circ}$)	<32	
	$\pm 60^{\circ}$ beam side-lobe level (dB)	≤ -5	
	Cross -polarization ratio(axial) (dB)	15	
	F/B ratio (dB)	<32	

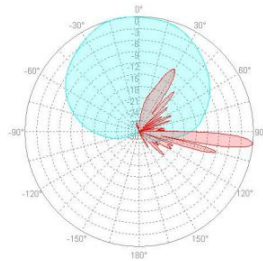
broadcast beam	Gain（dBi）	≥13.5			≥14.5		≥15.5	
	Power ratio of ± 32.5 °sector（%）	/						
	Power ratio of ± 60 °sector（%）	/						
	Horizontal HPBW（°）	65±5		65±5		65±5		
	Vertical HPBW（°）	7		7		7		
	Cross-polarization ratio(axial)（dB）	≥22						
	Cross-polarization@±60°（dB）	≥10						
	F/B ratio（dB）	≥28						
	1 st upper side-lobe suppression(dB）	≤-16						
	1 st lower null-fill（dB）	≥-18						
	±60°edge beam power loss(dB)	12±2						
FA band 65°broadcast beam weighted value								
port	1	2	3	4	5	6	7	8
Phase（°）	0	-3	-3	177	0	-3	-3	177
Amplitude	0.46	1	1	0.61	0.46	1	1	0.61
D band 65°broadcast beam weighted value								
port	1	2	3	4	5	6	7	8
Phase（°）	-110	0	0	-110	-110	0	0	-110
Amplitude	0.4	1	1	0.4	0.4	1	1	0.4

8 port TDD,15dBi,Panel Antenna-JBX-EN065R1415Q06CV01

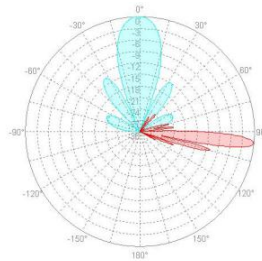
Electrical specifications		
Frequency Range (MHz)	1885~1920	2010~2025
Connector	N-F(8+1)	
Input impedance(Ω)	50	
All ports & calibration port: VSWR	<1.5	
Co-polar isolation(dB)	≥ 25	
Cross-polar isolation(dB)	≥ 25	
Continuous carrier power per port(W)	25	25
Downtilt(vertical plane)($^{\circ}$)	6	
Downtilt(vertical plane) accuracy($^{\circ}$)	± 1	
Calibration port-all port: coupling(dB)	-26 $\pm$ 2	
Calibration port-all port max.amplitude offset(dB)	<0.7	
Calibration port-all port max.phase offset($^{\circ}$)	<5	
Element beam	Vertical half power beam-width($^{\circ}$)	7 $\pm$ 2
	The 1 st upside lobe suppression(dB)	/
	The 1 st lower null-fill(dB)	/
	Horizontal half power beam-width($^{\circ}$)	100 $\pm$ 5
	Gain(dBi)	≥ 14
	F/B ratio(dB)	≥ 23
	Cross polarization ratio(axial)(dB)	≥ 15
	Cross polarization ratio@ $\pm 60^{\circ}$ (dB)	≥ 10
	$\pm 60^{\circ}$ edge beam power loss(dB)	/
service beam	0 $^{\circ}$ beam gain(dBi)	≥ 20
	0 $^{\circ}$ beam horizontal HBW($^{\circ}$)	≤ 29
	0 $^{\circ}$ beam side-lobe level(dB)	≤ -12
	0 $^{\circ}$ beam cross polarization (axial)(dB)	≥ 18
	0 $^{\circ}$ beam F/B ratio(dB)	≥ 28
	$\pm 60^{\circ}$ beam gain(dBi)	≥ 17.5
	$\pm 60^{\circ}$ beam horizontal HPBW($^{\circ}$)	<32
	$\pm 60^{\circ}$ beam side-lobe level(dB)	≤ -5
	Cross -polarization ratio(axial)(dB)	/
	F/B ratio(dB)	/

broadcast beam	Gain(dBi)				≥16				≥15
	Power ratio of ± 32.5 °sector (%)				72±7				/
	Power ratio of ± 60 °sector (%)				≥95				/
	Horizontal HPBW(°)				/				65±6
	Vertical HPBW(°)				≥7				≥6.5
	Cross-polarization ratio(axial)(dB)				≥18				≥18
	Cross-polarization@±60°(dB)				≥10				
	F/B ratio(dB)				≥25				
	1 st upper side-lobe suppression(dB)				≤-15				
	1 st lower null-fill(dB)				/				
	±60°edge beam power loss(dB)				12±3				
FA band 65°broadcast beam weighted value									
port	1	2	3	4	5	6	7	8	
Phase(°)	0	-3	-3	177	0	-3	-3	177	
Amplitude	0.46	1	1	0.61	0.46	1	1	0.61	
D band 65°broadcast beam weighted value									
port	/	/	/	/	/	/	/	/	
Phase(°)	/	/	/	/	/	/	/	/	
Amplitude	/	/	/	/	/	/	/	/	
Mechanical parameters									
Antenna size(mm)				1400×318×105					
Number of antenna				1 set					
Antenna weight(kg)				15.2					
Lightning Protection				DC grounded					
Installation				Ground base+expansion bolts anchoring					
Maintenance				Maintenance gate					
Radome Material				PVC					
Adjustable pitch(°)				0-10					
Environmental requirements									
Operating Temperature(℃)				-40~ +60					
Operating Humidity(%)				≤95					
Wind resistance(km/h)				Ultimate 210					
Waterproof grade				IP65					
Others				Anti-corrosion, anti-rust					

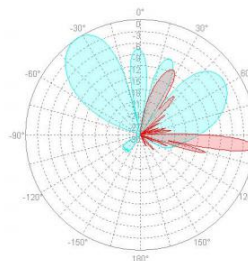
2600MHz



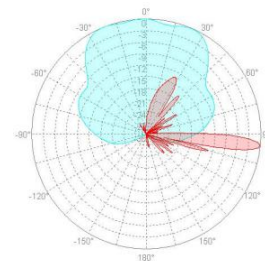
Single Column Beam



0 ° Service Beam



60 ° Service Beam



BCH Beam

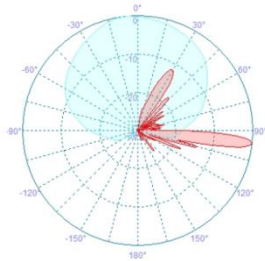


8 port TDD,15.5dBi,Panel Antenna-JBX-GA065R0016Q06CZ01

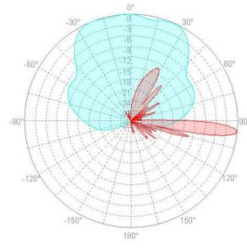
Electrical specifications		
Frequency Range (MHz)		2300~2400
Connector		N-F(8+1)
Input impedance(Ω)		50
All ports & calibration port: VSWR		<1.5
Co-polar isolation(dB)		≥ 25
Cross-polar isolation(dB)		≥ 25
Continuous carrier power per port(W)		25
Downtilt(vertical plane)($^{\circ}$)		6
Downtilt(vertical plane) accuracy($^{\circ}$)		± 1
Calibration port-all port: coupling(dB)		-26 $\pm$ 2
Calibration port-all port max.amplitude offset(dB)		<0.7
Calibration port-all port max.phase offset($^{\circ}$)		<5
Element beam	Vertical half power beam-width($^{\circ}$)	7 $\pm$ 2
	The 1 st upside lobe suppression(dB)	/
	The 1 st lower null-fill(dB)	/
	Horizontal half power beam-width($^{\circ}$)	65 $\pm$ 15
	Gain(dBi)	≥ 15.5
	F/B ratio(dB)	≥ 25
	Cross polarization ratio(axial)(dB)	≥ 15
	Cross polarization ratio@ $\pm 60^{\circ}$ (dB)	≥ 10
	$\pm 60^{\circ}$ edge beam power loss(dB)	12 $\pm$ 3
service beam	0 $^{\circ}$ beam gain(dBi)	≥ 22
	0 $^{\circ}$ beam horizontal HBW($^{\circ}$)	≤ 25
	0 $^{\circ}$ beam side-lobe level(dB)	≤ -12
	0 $^{\circ}$ beam cross polarization (axial)(dB)	≥ 18
	0 $^{\circ}$ beam F/B ratio(dB)	≥ 28
	$\pm 60^{\circ}$ beam gain(dBi)	≥ 17.5
	$\pm 60^{\circ}$ beam horizontal HPBW($^{\circ}$)	<32
	$\pm 60^{\circ}$ beam side-lobe level(dB)	≤ 0
	Cross -polarization ratio(axial)(dB)	/
	F/B ratio(dB)	/

broadcast beam	Gain(dBi)	≥16						
	Power ratio of ± 32.5 °sector (%)	/						
	Power ratio of ± 60 °sector (%)	/						
	Horizontal HPBW(°)	/						
	Vertical HPBW(°)	≥5						
	Cross-polarization ratio(axial)(dB)	/						
	Cross-polarization@±60°(dB)	≥10						
	F/B ratio(dB)	≥25						
	1 st upper side-lobe suppression(dB)	≤-15						
	1 st lower null-fill(dB)	/						
	±60°edge beam power loss(dB)	12±3						
FA band 65°broadcast beam weighted value								
port	1	2	3	4	5	6	7	8
Phase(°)	/	/	/	/	/	/	/	/
Amplitude	/	/	/	/	/	/	/	/
D band 65°broadcast beam weighted value								
port	1	2	3	4	5	6	7	8
Phase(°)	-110	0	0	-110	-110	0	0	-110
Amplitude	0.4	1	1	0.4	0.4	1	1	0.4
Mechanical parameters								
Antenna size(mm)				1400×318×105				
Number of antenna				1 set				
Antenna weight(kg)				15.2				
Lightning Protection				DC grounded				
Installation				Ground base+expansion bolts anchoring				
Maintenance				Maintenance gate				
Radome Material				PVC				
Adjustable pitch(°)				0-10				
Environmental requirements								
Operating Temperature(℃)				-40~ +65				
Operating Humidity(%)				≤95				
Wind resistance(km/h)				Ultimate 200				
Waterproof grade				IP65				
Others				Anti-corrosion, anti-rust				

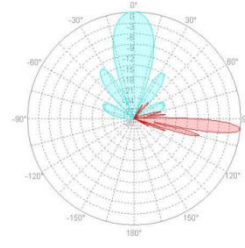
2350MHz



Single Column Beam



BCH Beam



0° Service Beam

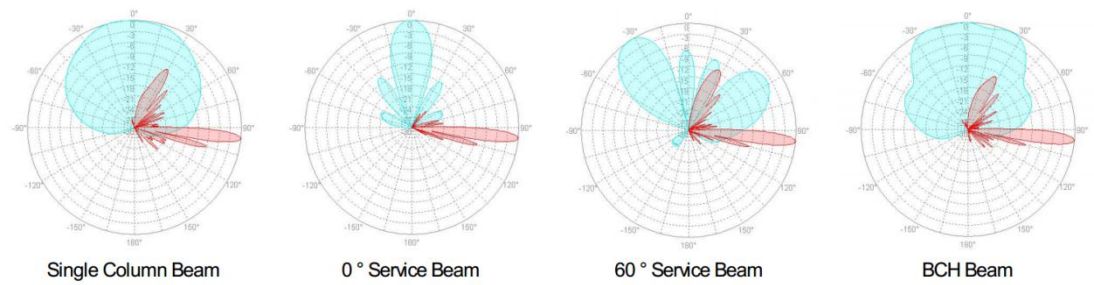


8 port TDD,15dBi,Panel Antenna-JBX-EQ105R1416Q06CX02

Electrical specifications				
Frequency Range (MHz)		1885~1920	2010~2025	2575~2635
Connector		N-F(8+1)		
Input impedance(Ω)		50		
All ports & calibration port: VSWR		<1.5		
Co-polar isolation(dB)		≥ 25		
Cross-polar isolation(dB)		≥ 25		
Continuous carrier power per port(W)		≥ 25		
Downtilt(vertical plane)($^{\circ}$)		6		
Downtilt(vertical plane) accuracy($^{\circ}$)		± 1		
Calibration port-all port: coupling(dB)		-26 $\pm$ 2		
Calibration port-all port max.amplitude offset(dB)		<0.7		
Calibration port-all port max.phase offset($^{\circ}$)		<5		
Element beam	Vertical half power beam-width($^{\circ}$)	7 $\pm$ 2		
	The 1 st upside lobe suppression(dB)	/		
	The 1 st lower null-fill(dB)	/		
	Horizontal half power beam-width($^{\circ}$)	100 $\pm$ 5	90 $\pm$ 15	65 $\pm$ 15
	Gain(dBi)	≥ 14	≥ 15	≥ 15.5
	F/B ratio(dB)	≥ 23	≥ 23	≥ 25
	Cross polarization ratio(axial)(dB)	≥ 15		
	Cross polarization ratio@ $\pm 60^{\circ}$ (dB)	≥ 10		
	$\pm 60^{\circ}$ edge beam power loss(dB)	/		
service beam	0 $^{\circ}$ beam gain(dBi)	≥ 20	≥ 21	≥ 15.5
	0 $^{\circ}$ beam horizontal HBW($^{\circ}$)	≤ 29	≤ 26	≥ 25
	0 $^{\circ}$ beam side-lobe level(dB)	≤ -12		
	0 $^{\circ}$ beam cross polarization (axial)(dB)	≥ 18		
	0 $^{\circ}$ beam F/B ratio(dB)	≥ 28		
	$\pm 60^{\circ}$ beam gain(dBi)	≥ 17.5		
	$\pm 60^{\circ}$ beam horizontal HPBW($^{\circ}$)	<32		
	$\pm 60^{\circ}$ beam side-lobe level(dB)	≤ -5		
	Cross -polarization ratio(axial)(dB)	/		
	F/B ratio(dB)	/		

broadcast beam	Gain(dBi)			≥16			≥15	
	Power ratio of ± 32.5 °sector (%)			72±7			/	
	Power ratio of ± 60 °sector (%)			≥95			/	
	Horizontal HPBW(°)			/			65±6	
	Vertical HPBW(°)			≥7			≥6.5	
	Cross-polarization ratio(axial)(dB)			≥18			≥18	
	Cross-polarization@±60°(dB)			≥10				
	F/B ratio(dB)			≥25				
	1 st upper side-lobe suppression(dB)			≤-15				
	1 st lower null-fill(dB)			/				
	±60°edge beam power loss(dB)			12±3				
FA band 65°broadcast beam weighted value								
port	1	2	3	4	5	6	7	8
Phase(°)	0	-3	-3	177	0	-3	-3	177
Amplitude	0.46	1	1	0.61	0.46	1	1	0.61
D band 65°broadcast beam weighted value								
port	1	2	3	4	5	6	7	8
Phase(°)	-110	0	0	-110	-110	0	0	-110
Amplitude	0.4	1	1	0.4	0.4	1	1	0.4
Mechanical parameters								
Antenna size(mm)				1150×322×106				
Number of antenna				1 set				
Antenna weight(kg)				13.2				
Lightning Protection				DC grounded				
Installation				Ground base+expansion bolts anchoring				
Maintenance				Maintenance gate				
Radome Material				PVC				
Adjustable pitch(°)				0-10				
Environmental requirements								
Operating Temperature(℃)				-40~ 60				
Operating Humidity(%)				≤95				
Wind resistance(km/h)				210				
Waterproof				IP65				
Others				Anti-corrosion, anti-rust				

2600MHz



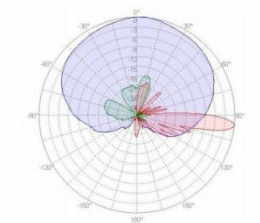
18 port TDD,14dBi,Panel Antenna-JBX-EQ105R1416Q06CZ06

Electrical specifications				
Frequency Range (MHz)		1885~1920	2010~2025	2575~2635
Connector		2×Cluster(4+5pin)		
Input impedance(Ω)		50		
All ports & calibration port: VSWR		<1.5		
Co-polar isolation(dB)		≥25		
Cross-polar isolation(dB)		≥25		
Continuous carrier power per port(W)		25	25	50
Downtilt(vertical plane)(°)		6		
Downtilt(vertical plane) accuracy(°)		±1		
Calibration port-all port: coupling(dB)		-26±2		
Calibration port-all port max.amplitude offset(dB)		<0.7		
Calibration port-all port max.phase offset(°)		<5		
Element beam	Vertical half power beam-width(°)	7±2		
	The 1 st upside lobe suppression(dB)	/		
	The 1 st lower null-fill(dB)	/		
	Horizontal half power beam-width(°)	100±5	90±15	65±15
	Gain(dBi)	≥14	≥15	≥15.5
	F/B ratio(dB)	≥23	≥23	≥25
	Cross polarization ratio(axial)(dB)	≥18		
	Cross polarization ratio@±60 °(dB)	≥10		
	±60°edge beam power loss(dB)	/	/	100~15
service beam	0°beam gain(dBi)	≥20	≥21	≥22
	0°beam horizontal HBW(°)	≤29	≤28	≤28
	0°beam side-lobe level(dB)	≤-12		
	0°beam cross polarization (axial)(dB)	≥18		
	0°beam F/B ratio(dB)	≥28		
	±60°beam gain(dBi)	≥17.5		
	±60°beam horizontal HPBW(°)	<32	<32	<23
	±60°beam side-lobe level(dB)	≤-5		
	Cross -polarization ratio(axial)(dB)	/		
	F/B ratio(dB)	/		

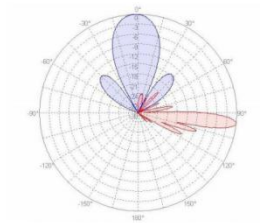
broadcast beam	Gain(dBi)	≥14	≥15	≥16
	Power ratio of ± 32.5 °sector (%)	/		

	Power ratio of ± 60 °sector (%)		/					
	Horizontal HPBW(°)		65±6					
	Vertical HPBW(°)		≥7	≥6.5		≥5		
	Cross-polarization ratio(axial)(dB)		≥22	≥22		/		
	Cross-polarization@±60°(dB)		≥10					
	F/B ratio(dB)		≥25					
	1 st upper side-lobe suppression(dB)		≤-16					
	1 st lower null-fill(dB)		≥-18					
	±60°edge beam power loss(dB)		10-15					
FA band 65°broadcast beam weighted value								
port	1	2	3	4	5	6	7	8
Phase(°)	0	-3	-3	177	0	-3	-3	177
Amplitude	0.46	1	1	0.61	0.46	1	1	0.61
D band 65°broadcast beam weighted value								
port	1	2	3	4	5	6	7	8
Phase(°)	-110	0	0	-110	-110	0	0	-110
Amplitude	0.4	1	1	0.4	0.4	1	1	0.4
Mechanical parameters								
Antenna size(mm)			1405×322×106					
Number of antenna			1 set					
Antenna weight(kg)			12					
Lightning Protection			DC grounded					
Installation			Ground base+expansion bolts anchoring					
Maintenance			Maintenance gate					
Radome Material			PVC					
Adjustable pitch(°)			0-10					
Environmental requirements								
Operating Temperature(℃)			-40~ +65					
Operating Humidity(%)			≤95					
Wind resistance(km/h)			200					
Waterproof			IP65					
Others			Anti-corrosion, anti-rust					

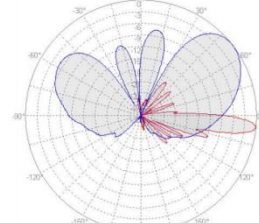
2015MHz



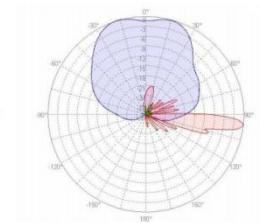
Single Column Beam



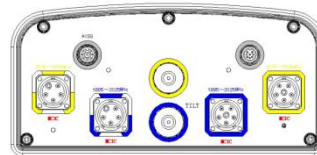
0 ° Service Beam



60 ° Service Beam



BCH Beam



2. Camouflage Antenna

Camouflage Antenna



Camouflage

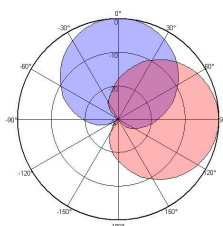


- ☆ Beautiful appearance
- ☆ Wide band

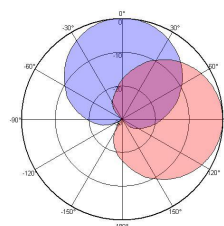
2 port,1*(L+H),13dBi,16dBi,Panel Antenna-JBX-CF030R1316Q00CV01

Electrical specifications

Frequency Range (MHz)	698-960	1710-2690
Polarization	$\pm 45^\circ$	
Gain(dBi)	13	16
Horizontal Beam width($^\circ$)	35	25
Vertical Beam width($^\circ$)	35	25
Electrical Down tilt ($^\circ$)	/	
Electrical Down tilt Deviation($^\circ$)	/	
1st Upper Side-lobe Suppression(dB)	≤ -15	≤ -15
Front-To-Back Ratio,180 $^\circ \pm 30^\circ$ (dB)	≥ 23	≥ 23
Cross-polar Discrimination@0 $^\circ$ (dB)	≥ 10	≥ 10
Maximum Power per Port(W)	250	
VSWR	≤ 1.5	
Isolation (dB)	≥ 25	
Intermodulation IM3(dBc)	≤ -150 (@2*43dBm)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



698MHz



2690MHz

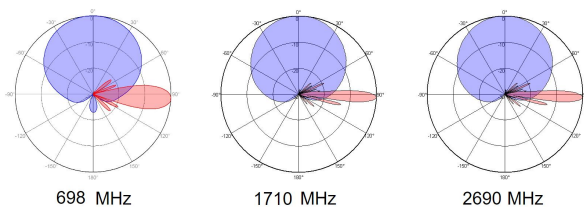
Mechanical specifications

Antenna size(mm)	500×500×140
Packing size(mm)	650*510*200
Antenna weight(kg)	6.5
Mounting weigh(kg)	2.5
Packing weigh(kg)	12
Connector	2×7/16DIN-Female
Connector Location	Bottom
Radome Material	FRP
Radome Color	Gray
Operating Temperature($^\circ\text{C}$)	-40~65
Operating Humidity(%)	≤ 95
Wind resistance(km/h)	210
Waterproof	IP65

4 port,2L2H,14.5dBi,17.5dBi,Panel Antenna-JFZ-CF065R1518D12MV01

Electrical specifications

Frequency Range (MHz)	698-960	1710-2690
Polarization	$\pm 45^\circ$	
Gain(dBi)	14.5	17.5
Horizontal Beam width($^\circ$)	65 ± 5	65 ± 5
Vertical Beam width($^\circ$)	14	7
Electrical Down tilt ($^\circ$)	2-12	2-12
Electrical Down tilt Deviation($^\circ$)	± 1	
1st Upper Side-lobe Suppression(dB)	≤ -16	≤ -16
Front-To-Back Ratio, $180^\circ \pm 30^\circ$ (dB)	≥ 25	≥ 25
Cross-polar Discrimination@ 0° (dB)	≥ 15	≥ 15
Maximum Power per Port(W)	250	
VSWR	≤ 1.5	
Isolation (dB)	≥ 30	
Intermodulation IM3(dBc)	≤ -150 (@ 2×43 dBm)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



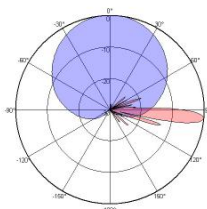
Mechanical specifications

Antenna size(mm)	400×400×1600
Packing size(mm)	500×500×1850
Antenna weight(kg)	40
Mounting weigh(kg)	15
Packing weigh(kg)	58
Connector	4×7/16DIN-Female
Connector Location	Bottom
Radome Material	FRP
Radome Color	Gray
Operating Temperature($^\circ\text{C}$)	-40~65
Operating Humidity(%)	≤ 95
Wind resistance(km/h)	210
Waterproof	IP65

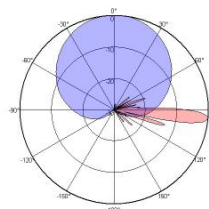
6 port, 1H*3 sector , 17.5dBi, Tri-sector Antenna-JJS-ED065R0018D10MV01

Electrical specifications

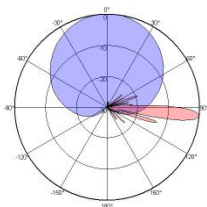
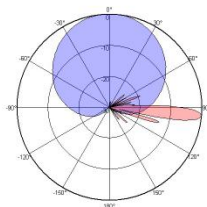
Frequency Range (MHz)	1710-2690*3
Polarization	±45°
Gain(dBi)	17.5
Horizontal Beam width(°)	65±5
Vertical Beam width(°)	7
Electrical Down tilt (°)	0-10
Electrical Down tilt Deviation(°)	±1
1st Upper Side-lobe Suppression(dB)	≤-16
Front-To-Back Ratio, 180°±30°(dB)	≥25
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	250
VSWR	≤1.5
Isolation (dB)	≥30
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



1710MHz



1920MHz



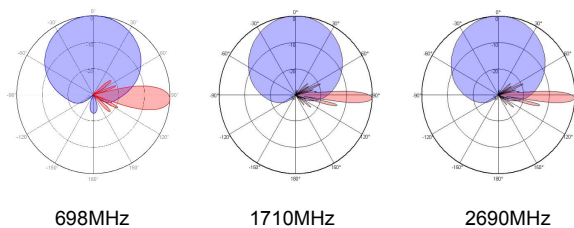
Mechanical specifications

Antenna size(mm)	Φ280×1900
Packing size(mm)	600×600×2100
Antenna weight(kg)	45
Mounting weigh(kg)	5.4
Packing weigh(kg)	58
Connector	6×7/16DIN-Female
Connector Location	Bottom
Radome Material	FRP
Radome Color	Gray
Operating Temperature(°C)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

4 port,1L1H,15dBi,18dBi,Panel Antenna-JKT-CF065R1518D12MV01

Electrical specifications

Frequency Range (MHz)	698-960	1710-2690
Polarization	$\pm 45^\circ$	
Gain(dBi)	14.5	17.5
Horizontal Beam width($^\circ$)	65 ± 5	65 ± 5
Vertical Beam width($^\circ$)	13	7
Electrical Down tilt ($^\circ$)	2-12	2-12
Electrical Down tilt Deviation($^\circ$)	± 1	
1st Upper Side-lobe Suppression(dB)	≤ -16	≤ -16
Front-To-Back Ratio, $180^\circ \pm 30^\circ$ (dB)	≥ 25	≥ 25
Cross-polar Discrimination@ 0° (dB)	≥ 15	≥ 15
Maximum Power per Port(W)	250	
VSWR	≤ 1.5	
Isolation (dB)	≥ 30	
Intermodulation IM3(dBc)	≤ -150 (@ $2 \times 43\text{dBm}$)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



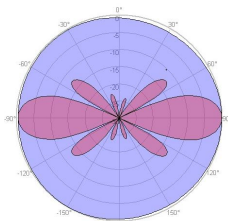
Mechanical specifications

Antenna size(mm)	950×320×1900
Packing size(mm)	1200×420×2100
Antenna weight(kg)	50
Mounting weigh(kg)	15
Packing weigh(kg)	68
Connector	4×7/16DIN-Female
Connector Location	Bottom
Radome Material	FRP
Radome Color	Gray
Operating Temperature($^\circ\text{C}$)	-40~65
Operating Humidity(%)	≤ 95
Wind resistance(km/h)	210
Waterproof	IP65

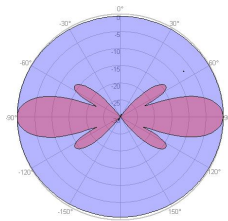
2 port,1L1H,9dBi,10dBi,Omni Antenna-JPQ-CF360R0910Q00MZ01

Electrical specifications

Frequency Range (MHz)	698-960	1710-2690
Polarization	Vertical	
Gain(dBi)	9	10
Horizontal Beam width(°)	360	360
Vertical Beam width(°)	24	20
Electrical Down tilt (°)	2-12	2-10
Electrical Down tilt Deviation(°)	± 1	
1st Upper Side-lobe Suppression(dB)	≤ -16	≤ -16
Front-To-Back Ratio,180°±30°(dB)	≥ 25	≥ 25
Cross-polar Discrimination@0°(dB)	/	/
Maximum Power per Port(W)	250	
VSWR	≤ 1.5	
Isolation (dB)	/	
Intermodulation IM3(dBc)	$\leq -150(@2*43dBm)$	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



698MHz



2690MHz

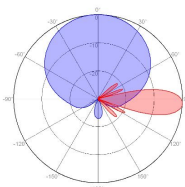
Mechanical specifications

Antenna size(mm)	$\phi 280 \times 1000$
Packing size(mm)	450×450×1300
Antenna weight(kg)	50
Mounting weigh(kg)	15
Packing weigh(kg)	68
Connector	2×7/16DIN-Female
Connector Location	Bottom
Radome Material	PVC
Radome Color	Gray
Operating Temperature(°C)	-40~65
Operating Humidity(%)	≤ 95
Wind resistance(km/h)	210
Waterproof	IP65

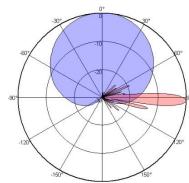
4 port,1L1H,14.5dBi,17.5dBi,Panel Antenna-JTN-CF065R1518D12MV01

Electrical specifications

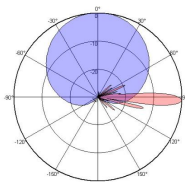
Frequency Range (MHz)	698-960	1710-2690
Polarization(°)	±45	
Gain(dBi)	14.5	17.5
Horizontal Beam width(°)	65±5	65±5
Vertical Beam width(°)	14	7
Electrical Down tilt (°)	2-12	2-12
Electrical Down tilt Deviation(°)	± 1	
1st Upper Side-lobe Suppression(dB)	≤-16	≤-16
Front-To-Back Ratio,180°±30°(dB)	≥25	≥25
Cross-polar Discrimination@0°(dB)	≥15	≥15
Maximum Power per Port(W)	250	
VSWR	≤1.5	
Isolation (dB)	/	
Intermodulation IM3(dBc)	≤-150(@2*43dBm)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



698MHz



1710MHz



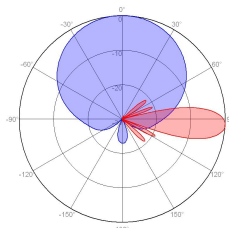
2690MHz

Mechanical specifications

Antenna size(mm)	950×320×1900
Packing size(mm)	1200×420×2100
Antenna weight(kg)	50
Mounting weigh(kg)	15
Packing weigh(kg)	68
Connector	4×7/16DIN-Female
Connector Location	Bottom
Radome Material	FRP
Radome Color	Gray
Operating Temperature(℃)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

2 port,1L,14.5dBi,Panel Antenna-JYZ-CC065R0015D18MV01

Electrical specifications	
Frequency Range (MHz)	698-960
Polarization	±45°
Gain(dBi)	14.5
Horizontal Beam width(°)	65±5
Vertical Beam width(°)	14
Electrical Down tilt (°)	2-18
Electrical Down tilt Deviation(°)	± 1
1st Upper Side-lobe Suppression(dB)	≤-16
Front-To-Back Ratio,180°±30°(dB)	≥25
Cross-polar Discrimination@0°(dB)	≥15
Maximum Power per Port(W)	250
VSWR	≤1.5
Isolation (dB)	≥30
Intermodulation IM3(dBc)	≤-150(@2*43dBm)
Impedance(Ω)	50
Lightning Protection	DC Ground



698MHz

Mechanical specifications	
Antenna size(mm)	Φ 400×2000
Packing size(mm)	550×550×2300
Antenna weight(kg)	40
Mounting weigh(kg)	15
Packing weigh(kg)	58
Connector	2×7/16DIN-Female
Connector Location	Bottom
Radome Material	FRP
Radome Color	Gray
Operating Temperature(℃)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65

1 port,1*(L+H),7dBi,Omn Antenna-WCD-CF360V0507Y25MZ02

Applications:

- 698-2690MHz
- Outdoor Signal Coverage

Features:

- Beautiful appearance
- Wide band

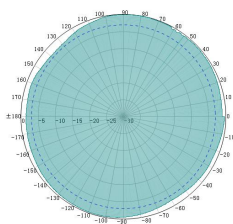
Connector:

- N Female,with 1m cable

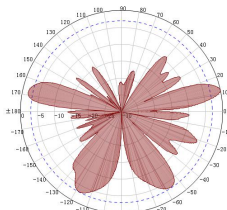


Electrical specifications

Frequency range (MHz)	698-960	1710-2690
Polarization	Vertical	Vertical
Gain(dBi)	4.5	7
Horizontal beam-width(°)	360	360
3dB Vertical beam-width(°)	23-37	18-21
VSWR	≤1.5	
Non-circularity	±4	
Impedance(Ω)	50	
Maximum input power(W)	50	
Lightning protection	DC grounded	



H-Plane



E-Plane

Mechanical specifications

Connector	N Female
Connector position	Bottom
Size(mm)	Φ140×850
Gross weight(kg)	3.1
Wind resistance(km/h)	210
Reflector material	Aluminium
Radome material	PVC
Radome color	Gray
Operating temperature(°C)	-40~65
Waterproof	IP65

2 port, 2*(L+H), 8dBi, Omni t Antenna-WDG-CF360V0608Y15MZ03

Applications:

- 698-2690MHz
- Outdoor Signal Coverage

Features:

- Beautiful appearance
- Wide band

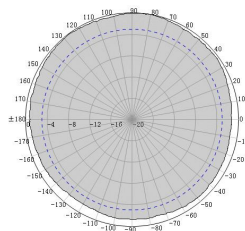
Connector:

- N Female, with 1m cable

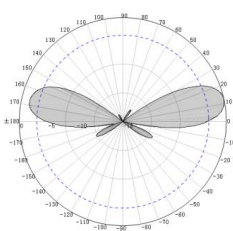


Electrical specifications

Frequency range (MHz)	698-960	1710-2690
Polarization	Vertical	Vertical
Gain(dBi)	6	8
Horizontal beam-width(°)	360	360
3dB Vertical beam-width(°)	22-25	13-16
VSWR	≤1.5	
Non-circularity	±2	
Impedance(Ω)	50	
Maximum input power(W)	50	
Lightning protection	DC grounded	



H-Plane



E-Plane

Mechanical specifications

Connector	2×N Female
Connector position	Bottom
Size(mm)	Φ76×1870
Gross weight(kg)	3.1
Wind resistance(km/h)	210
Reflector material	Aluminium
Radome material	FRP
Radome color	Black
Operating temperature(°C)	-40~65
Waterproof	IP65

1 port,1*(L+H),10dBi,Panel Antenna-WGG-CF065V0810Q00MZ01

Applications:

- 698-2690MHz
- Outdoor Signal Coverage

Features:

- Beautiful appearance
- Wide band

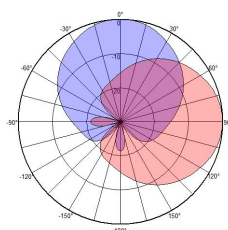
Connector:

- N Female

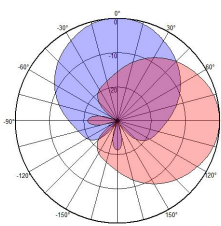


Electrical specifications

Frequency range (MHz)	698-960	1710-2690
Polarization	Vertical	Vertical
Gain(dBi)	8	10
Horizontal beam-width(°)	58-68	43-53
3dB Vertical beam-width(°)	65-75	59-65
VSWR	≤1.5	
Front to Back Ratio	≥15	
Impedance(Ω)	50	
Maximum input power(W)	50	
Lightning protection	DC grounded	



698MHz



2690MHz

Mechanical specifications

Connector	N Female
Connector position	Bottom
Size(mm)	905×200×1182
Gross weight(kg)	6
Wind resistance(km/h)	210
Reflector material	Aluminium
Radome material	FRP
Radome color	Blue
Operating temperature(°C)	-40~60
Waterproof	IP65

1 port,1*(L+H),10dBi,Panel Antenna-WJS-CF065V0810Q00MZ01

Applications:

- 698-2690MHz
- Outdoor Signal Coverage

Features:

- Beautiful appearance
- Wide band

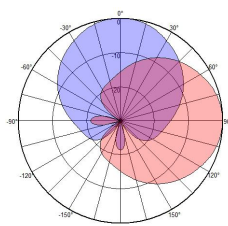
Connector:

- N Female

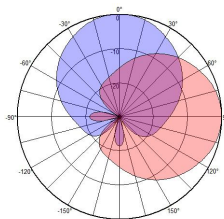


Electrical specifications

Frequency range (MHz)	698-960	1710-2690
Polarization	Vertical	Vertical
Gain(dBi)	8	10
Horizontal beam-width(°)	58-68	70-110
3dB Vertical beam-width(°)	65-72	29-48
VSWR	≤1.5	
Front to Back Ratio	15	12
Impedance(Ω)	50	
Maximum input power(W)	50	
Lightning protection	DC grounded	



698MHz



2690MHz

Mechanical specifications

Connector	N Female
Connector position	Bottom
Size(mm)	φ560×600
Gross weight(kg)	3.8
Wind resistance(km/h)	210
Reflector material	Aluminium
Radome material	FRP
Radome color	Gray
Operating temperature(°C)	-40~55
Waterproof	IP65

1 port,1*(L+H), 8dBi,Omnidirectional Antenna-WLD-CF360V0608Y15MZ01

Applications:

- 698-2690MHz
- Outdoor Signal Coverage

Features:

- Beautiful appearance
- Wide band

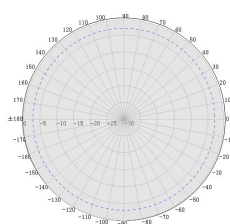
Connector:

- N Female

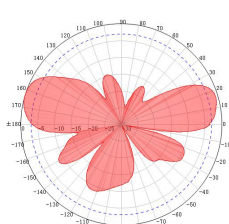


Electrical specifications

Frequency range (MHz)	698-960	1710-2690
Polarization	Vertical	Vertical
Gain(dBi)	6	8
Horizontal beam-width(°)	360	360
3dB Vertical beam-width(°)	22-25	13-16
VSWR	≤1.5	
Non-circularity	±2	
Impedance(Ω)	50	
Maximum input power(W)	50	
Lightning protection	DC grounded	



H-Plane



E-Plane

Mechanical specifications

Connector	N Female
Connector position	Bottom
Size(mm)	Φ76×1870
Gross weight(kg)	4.2
Wind resistance(km/h)	210
Reflector material	Aluminium
Radome material	FRP
Radome color	Black
Operating temperature(°C)	-40~55
Waterproof	IP65

1 port,1*(L+H),5dBi,Omnidirectional Antenna-WMG-CF360V0205Y17MZ01

Applications:

- 698-2690MHz
- Outdoor Signal Coverage

Features:

- Beautiful appearance
- Wide band

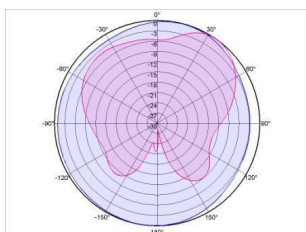
Connector:

- N Female

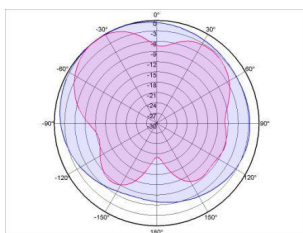


Electrical specifications

Frequency range (MHz)	698-960	1710-2690
Polarization	Vertical	Vertical
Gain(dBi)	2	5
Horizontal beam-width(°)	360	360
3dB Vertical beam-width(°)	65-102	40-65
VSWR	≤1.5	
Non-circularity	±2	
Elevation(°)	6-17	
Impedance(Ω)	50	
Maximum input power(W)	50	
Lightning protection	DC grounded	



698MHz



2690MHz

Mechanical specifications

Connector	N Female
Connector position	Bottom
Size(mm)	Φ360×380
Gross weight(kg)	3
Wind resistance(km/h)	210
Reflector material	Aluminium
Radome material	Fiberglass
Radome color	Green
Operating temperature(°C)	-40~65
Waterproof	IP65

2 port,2(L+H), 14.5dBi,Panel Antenna-WSD-CF030R1315Q00MV01

Applications:

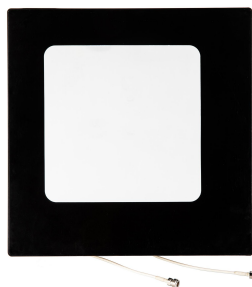
- 698-2690MHz
- Outdoor Signal Coverage

Features:

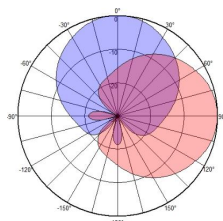
- Beautiful appearance
- Wide band

Connector:

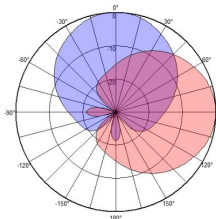
- N Female or Customized



Electrical specifications		
Frequency range (MHz)	698-960	1710-2690
Polarization	Vertical	± 45
Gain(dBi)	12	14.5
Horizontal beam-width($^{\circ}$)	35	35
3dB Vertical beam-width($^{\circ}$)	35	35
VSWR	≤ 1.5	
Front to Back Ratio	≥ 20	
Isolation(dB)	≥ 25	
Intermodulation IM3(dBc)	$\leq -144 @ (2 \times 37 \text{ dBm})$	
Impedance(Ω)	50	
Maximum input power(W)	200	
Lightning protection	DC grounded	



698MHz



2680MHz

Mechanical specifications

Connector	2×N Female
Connector position	Bottom
Size(mm)	540×540×183
Gross weight(kg)	5
Wind resistance(km/h)	210
Reflector material	Aluminium
Radome material	Plastic
Radome color	Black and Gray
Operating temperature($^{\circ}\text{C}$)	-40~65
Waterproof	IP65

3.WIFI Antenna



1 port,2400-2500MHz, 3dBi,Omnidirectional Antenna-NWX-GC360V0003Q00MZ01

Applications:

- 2400-2500MHz
- indoor Signal Coverage

Features:

- Small size, Beautiful appearance, Light weight
- DC Ground, Corrosion resistance, Anti-aging

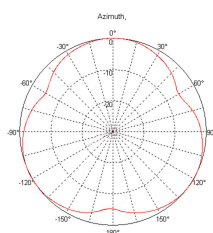
Connector:

- SMA Female, 4.3-10 Female or customized



Electrical specifications

Frequency range (MHz)	2400-2500
Polarization	Vertical
Gain(dBi)	3
Horizontal beam-width(°)	360
3dB Vertical beam-width(°)	22-28
VSWR	≤1.5
Impedance(Ω)	50
Maximum input power(W)	50
Lightning protection	DC grounded



2450MHz

Mechanical specifications

Connector	1*SMA Female
Connector position	Bottom
Size(mm)	44*28*1
Gross weight(kg)	0.5
Reflector material	Aluminium
Radome material	PVC
Radome color	Gray
Operating temperature(°C)	-40~65

2 port,2400-5850MHz, 3dBi,Omnidirectional Antenna-NWF-GH360S0303Q00CZ01

Applications:

- 2400-5850MHz
- Omnidirectional Antenna

Features:

- Beautiful appearance

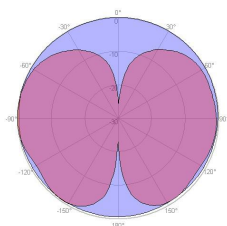
Connector:

- 2-RP-SMA-J

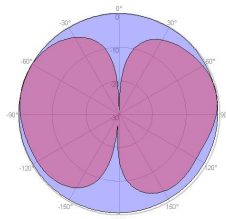


Electrical specifications

Frequency range (MHz)	2400-2483	5150-5850
Polarization	Vertical/Horizontal	Vertical/Horizontal
Gain(dBi)	3	3
Horizontal beam-width(°)	360	360
3dB Vertical beam-width(°)	>30	>30
VSWR	<1.8	<1.8
Impedance(Ω)	50	
Maximum input power(W)	50	
Lightning protection	DC grounded	



2400MHz



5850MHz

Mechanical specifications

Connector	2-RP-SMA-J
Connector position	Bottom
Size(mm)	Φ 70 × 140
Gross weight(kg)	1
Reflector material	Aluminium
Radome material	PVC
Radome color	Gray
Operating temperature(°C)	-40~65

2 port,2400-5850MHz, 8dBi,Directional Antenna-NWF-GH090S0303Q00CZ01

Applications:

- 2400-5850MHz
- Directional Wifi Antenna

Features:

- Beautiful appearance

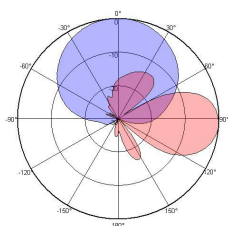
Connector:

- N-Female or customized

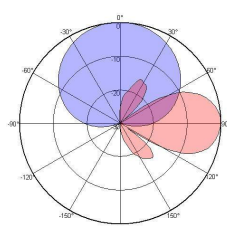


Electrical specifications

Frequency range (MHz)	2400-2483	5150-5850
Polarization	$\pm 45^\circ$	$\pm 45^\circ$
Gain(dBi)	8	8
Horizontal beam-width(°)	90	90
3dB Vertical beam-width(°)	65	65
VSWR	1.8	1.8
Front to Back Ratio	20	20
Impedance(Ω)	50	
Maximum input power(W)	100	
Lightning protection	DC grounded	



2400MHz



5850MHz

Mechanical specifications

Connector	2*N-Female
Connector position	Bottom
Size(mm)	280×180×60
Gross weight(kg)	0.8
Reflector material	Aluminium
Radome material	ABS
Radome color	Gray
Operating temperature(°C)	-40~65

4 port,2400-5850MHz, 3dBi,Omnidirectional Antenna-WWF-GH360S0303Q00CZ04

Applications:

- 4×2400-5850MHz
- Directional Wifi Antenna

Features:

- Beautiful appearance

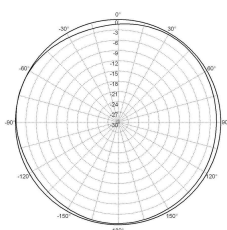
Connector:

- N-Female or customized

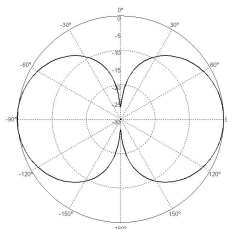


Electrical specifications

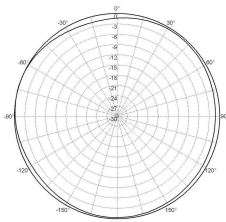
Frequency range (MHz)	2400-2483*4	5150-5850*4
Polarization	Vertical/Horizontal	Vertical/Horizontal
Gain(dBi)	3	3
Horizontal beam-width(°)	360	360
3dB Vertical beam-width(°)	30	30
VSWR	1.8	1.8
Isolation	25	25
Impedance(Ω)	50	
Maximum input power(W)	100	
Lightning protection	DC grounded	



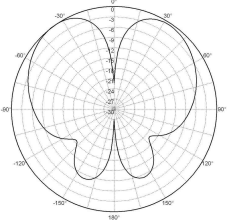
H-2400MHz



E-2400MHz



H-5850MHz



E-5850MHz

Mechanical specifications

Connector	4×N-Female
Connector position	Bottom
Size(mm)	126×76×152
Gross weight(kg)	0.46
Wind resistance(km/h)	60
Reflector material	Aluminium
Radome material	ABS
Radome color	Gray
Operating temperature(°C)	-40~65
Waterproof	IP65

4 port,2400-5850MHz, 8dBi,Directional Antenna-WWF-GH065R0808Q00CZ04

Applications:

- 2400-5850MHz
- Directional Wifi Antenna

Features:

- Beautiful appearance

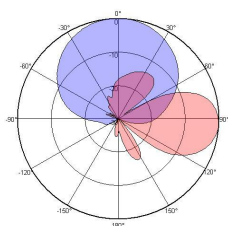
Connector:

- N-Female or customized

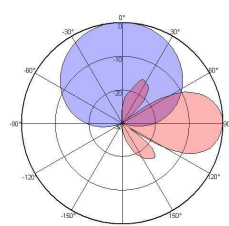


Electrical specifications

Frequency range (MHz)	2400-2483*4	5150-5850*4
Polarization	V/H	± 45°
Gain(dBi)	10	10
Horizontal beam-width(°)	65	65
3dB Vertical beam-width(°)	35	30
VSWR	2.2	2.5
Front to Back Ratio	20	20
Impedance(Ω)	50	
Maximum input power(W)	1050	
Lightning protection	DC grounded	



2400MHz



5850MHz

Mechanical specifications

Connector	4×N-Female
Connector position	Back
Size(mm)	220×220×25
Gross weight(kg)	2.5
Wind resistance(km/h)	210
Reflector material	Aluminium
Radome material	PVC
Radome color	Gray
Operating temperature(°C)	-40~65
Waterproof	IP65

8 port,2400-2500MHz, 5150-5850MHz,3dBi,Omnidirectional Antenna-WWF-GC360S0909Q00CZ08

Applications:

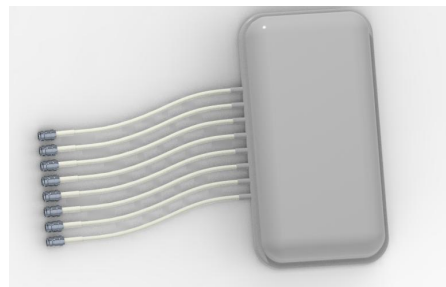
- 8×2400-5850MHz
- Directional Wifi Antenna

Features:

- Beautiful appearance

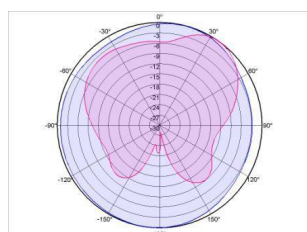
Connector:

- N-Female or customized

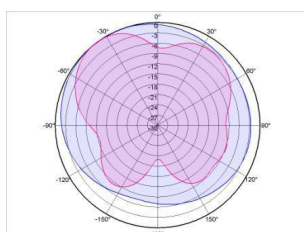


Electrical specifications

Frequency range (MHz)	2400-2483*8	5150-5850*8
Polarization	Vertical/Horizontal	Vertical/Horizontal
Gain(dBi)	9	9
Horizontal beam-width(°)	360	360
3dB Vertical beam-width(°)	68	68
VSWR	1.8	1.8
Isolation	25	25
Impedance(Ω)	50	
Maximum input power(W)	100	
Lightning protection	DC grounded	



2400MHz



5850MHz

Mechanical specifications

Connector	8×N-Female
Connector position	Bottom
Size(mm)	297*180*68
Gross weight(kg)	3.5
Wind resistance(km/h)	210
Reflector material	Aluminium
Radome material	PVC
Radome color	Gray
Operating temperature(°C)	-40~65
Waterproof	IP65

8 port,2400-2500MHz, 5150-5850MHz,9dBi,Panel Antenna-WWF-GC065R0808Q00CZ08

Applications:

- 4×2400-5850MHz
- Directional Wifi Antenna

Features:

- Beautiful appearance

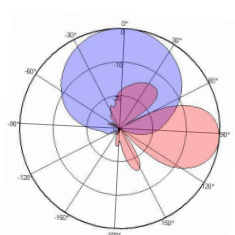
Connector:

- N-Female or customized

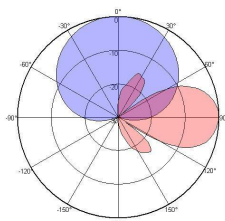


Electrical specifications

Frequency range (MHz)	2400-2483*8	5150-5850*8
Polarization	± 45	± 45
Gain(dBi)	8	8
Horizontal beam-width(°)	65	65
3dB Vertical beam-width(°)	30	30
VSWR	1.8	1.8
Isolation	25	25
Impedance(Ω)	50	
Maximum input power(W)	100	
Lightning protection	DC grounded	



2400MHz



5850MHz

Mechanical specifications

Connector	8×N-Female
Connector position	Bottom
Size(mm)	400×300×125
Gross weight(kg)	3.5
Wind resistance(km/h)	210
Reflector material	Aluminium
Radome material	PVC
Radome color	Gray
Operating temperature(°C)	-40~65
Waterproof	IP65

4.DAS Antenna



1 port,698-4000MHz, 6dBi,7dBi,Panel Antenna-NBG-CV090V0607Q00CY01

Applications:

- 698-4000MHz
- Panel Antenna

Features:

- Wide band

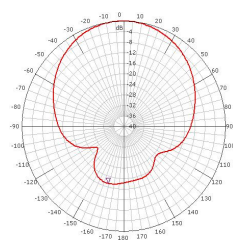
Connector:

- N-Female, 4.3-10 Female or customized

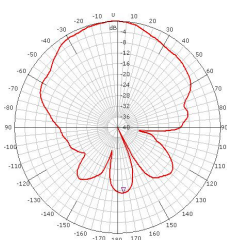


Electrical specifications

Frequency range (MHz)	698-960	1710-2690	3300-4000
Polarization	Vertical	Vertical	Vertical
Gain(dBi)	6	7	7
Horizontal beam-width(°)	90	75	75
3dB Vertical beam-width(°)	85	65	55
VSWR	≤1.7	≤1.5	≤1.5
Front to Back Ratio	≥8	≥10	≥10
Intermodulation IM3(dBc)	≤-140dBc(@2*33dBm)		
Impedance(Ω)	50		
Maximum input power(W)	50		
Lightning protection	DC grounded		



698MHz



2690MHz

Mechanical specifications

Connector	1×N-Female
Connector position	Bottom
Size(mm)	165*155*43
Gross weight(kg)	0.26
Reflector material	Aluminium
Radome material	ABS
Radome color	Gray
Operating temperature(°C)	-40~65

1 port,698-4000MHz, 7dBi,8dBi,Panel Antenna-NBG-CV090V0708Q00CY01

Applications:

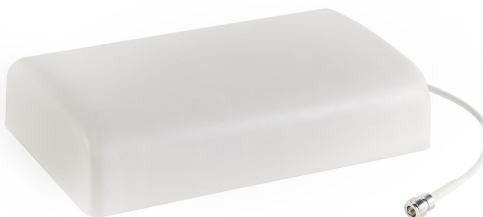
- 698-4000MHz
- Panel Antenna

Features:

- Wide band

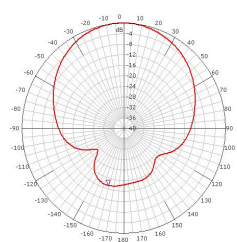
Connector:

- N-Female, 4.3-10 Female or customized

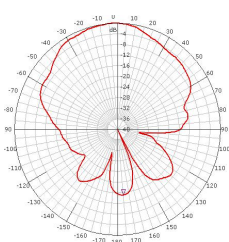


Electrical specifications

Frequency range (MHz)	698-960	1710-2690	3300-4000
Polarization	Vertical	Vertical	Vertical
Gain(dBi)	7	8	8
Horizontal beam-width(°)	90	75	75
3dB Vertical beam-width(°)	65	60	60
VSWR	≤1.7	≤1.5	≤1.5
Front to Back Ratio	≥6	≥8	≥8
Intermodulation IM3(dBc)	≤-140dBc(@2*33dBm)		
Impedance(Ω)	50		
Maximum input power(W)	50		
Lightning protection	DC grounded		



698MHz



2690MHz

Mechanical specifications

Connector	1×N-Female
Connector position	Bottom
Size(mm)	210×180×64
Gross weight(kg)	0.26
Reflector material	Aluminium
Radome material	ABS
Radome color	Gray
Operating temperature(°C)	-40~65

2 port,698-4000MHz, 8dBi,Panel Antenna-NBG-CV090V0607Q00CV01

Applications:

- 698-4000MHz
- Panel Antenna

Features:

- Wide band

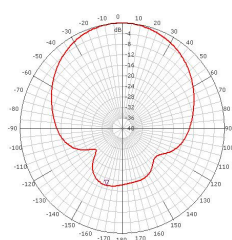
Connector:

- N-Female, 4.3-10 Female or customized

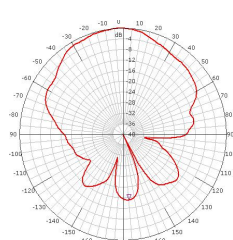


Electrical specifications

Frequency range (MHz)	698-960	1710-2690	3300-4000
Polarization	Vertical /Horizontal	Vertical /Horizontal	Vertical /Horizontal
Gain(dBi)	6	8	8
Horizontal beam-width(°)	90	75	65
3dB Vertical beam-width(°)	85	60	55
VSWR	≤1.8	≤1.5	≤1.5
Front to Back Ratio	≥8	≥10	≥10
Intermodulation IM3(dBc)	≤-140dBc(@2*33dBm)		
Impedance(Ω)	50		
Maximum input power(W)	50		
Lightning protection	DC grounded		



698MHz



2690MHz

Mechanical specifications

Connector	2×N-Female
Connector position	Bottom
Size(mm)	400x180x62
Gross weight(kg)	0.7
Reflector material	Aluminium
Radome material	ABS
Radome color	Gray
Operating temperature(°C)	-40~65

1 port,698-4000MHz, 2dBi,5dBi,Omi Antenna-NXD-CV360V0205Q00CV01

Applications:

- 698-4000MHz
- Omni Ceiling Mounted Antenna

Features:

- Wide band

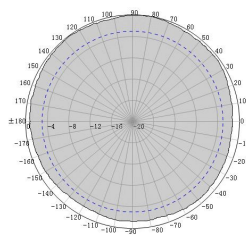
Connector:

- N-Female, 4.3-10 Female or customized

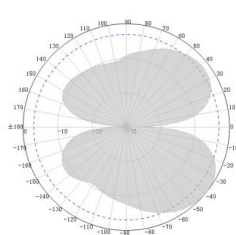


Electrical specifications

Frequency range (MHz)	698-960	1710-2690	3300-4000
Polarization	Vertical	Vertical	Vertical
Gain(dBi)	2	5	5
Horizontal beam-width(°)	360	360	360
3dB Vertical beam-width(°)			
VSWR	≤1.8	≤1.5	1.5
Intermodulation IM3(dBc)	≤-140dBc(@2*33dBm)		
Impedance(Ω)	50		
Maximum input power(W)	50		
Lightning protection	DC grounded		



2690MHz



Mechanical specifications

Connector	1×N-Female
Connector position	Back
Size(mm)	φ 186×85
Gross weight(kg)	0.23
Reflector material	Aluminium
Radome material	ABS
Radome color	Grey
Operating temperature(°C)	-40~65

1 port,698-6000MHz, 2dBi,4dBi,Omni Antenna-NXD-CQ360V0204Q00CV01

Applications:

- 698-6000MHz
- Omni Ceiling Mounted Antenna

Features:

- Wide band

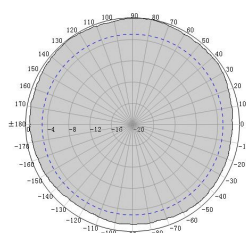
Connector:

- N-Female, 4.3-10 Female or customized

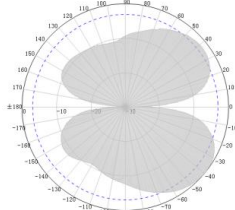


Electrical specifications

Frequency range (MHz)	698-960	1710-2690	3300-3800	5150-6000
Polarization	Vertical	Vertical	Vertical	Vertical
Gain(dBi)	2	4	4	4
Horizontal beam-width(°)	360	360	360	360
3dB Vertical beam-width(°)	85	45	45	45
VSWR	≤2.0			
Intermodulation IM3(dBc)	≤-140dBc(@2*33dBm)			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	DC grounded			



2690MHz



Mechanical specifications

Connector	1×N-Female
Connector position	Back
Size(mm)	φ 204×115
Gross weight(kg)	0.32
Reflector material	Aluminium
Radome material	ABS
Radome color	Gray
Operating temperature(°C)	-40~65

2 port,698-4000MHz, 2dBi,4dBi,Omi Antenna-NXD-CQ360V0204Q00CV01

Applications:

- 698-4000MHz
- Omni Ceiling Mounted Antenna

Features:

- Wide band

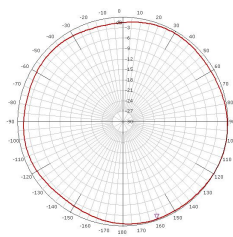
Connector:

- N-Female, 4.3-10 Female or customized

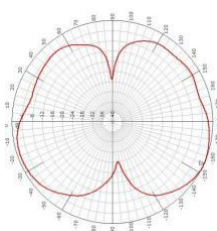


Electrical specifications

Frequency range (MHz)	698-806	806-960	1710-2690	3300-4000
Polarization	Vertical	Vertical	Vertical	Vertical
Gain(dBi)	3.5	3.5	4.5	4.5
Horizontal beam-width(°)	360	360	360	360
3dB Vertical beam-width(°)	85	85	55	35
VSWR	≤1.8	≤1.5	≤1.5	1.5
Intermodulation IM3(dBc)	≤-140dBc(@2*33dBm)			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	DC grounded			



2690MHz



Mechanical specifications

Connector	2×N-Female
Connector position	Back
Size(mm)	Φ220×46
Gross weight(kg)	0.4
Reflector material	Aluminium
Radome material	ABS
Radome color	Grey
Operating temperature(°C)	-40~65

2 port,698-4000MHz, 3dBi,4dBi,Omnidirectional Antenna-NXD-CQ360V0204Q00CV01

Applications:

- 698-4000MHz
- Omnidirectional Ceiling Mounted Antenna

Features:

- Wide band

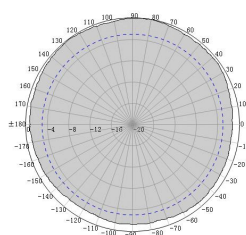
Connector:

- N-Female, 4.3-10 Female or customized

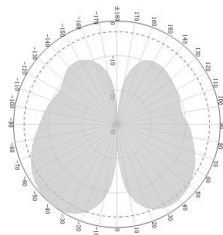


Electrical specifications

Frequency range (MHz)	698-806	806-960	1710-2690	3300-4000
Polarization	Vertical	Vertical	Vertical	Vertical
Gain(dBi)	3.5	3.5	4.5	4.5
Horizontal beam-width(°)	360	360	360	360
3dB Vertical beam-width(°)	85	85	55	35
VSWR	≤1.8	≤1.5	≤1.5	1.5
Intermodulation IM3(dBc)	≤-140dBc(@2*33dBm)			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	DC grounded			



2690MHz



Mechanical specifications

Connector	2×N-Female
Connector position	Back
Size(mm)	Φ208×52
Gross weight(kg)	0.4
Reflector material	Aluminium
Radome material	ABS
Radome color	Gray
Operating temperature(°C)	-40~65

2 port,698-4000MHz, 2dBi,4dBi,Omni Antenna-NXD-CQ360V0204Q00CV01

Applications:

- 698-4000MHz
- Omni Ceiling Mounted Antenna

Features:

- Wide band

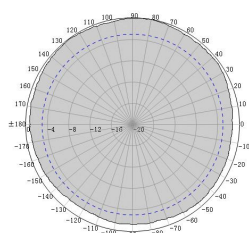
Connector:

- N-Female, 4.3-10 Female or customized

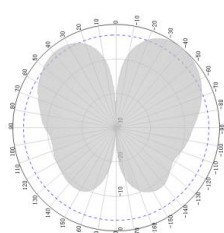


Electrical specifications

Frequency range (MHz)	698-806	806-960	1710-2690	3300-4000
Polarization	Vertical	Vertical	Vertical	Vertical
Gain(dBi)	2	2	3	3
Horizontal beam-width(°)	360	360	360	360
3dB Vertical beam-width(°)	85	85	55	35
VSWR	≤1.8	≤1.5	≤1.5	1.5
Intermodulation IM3(dBc)	≤-140dBc(@2*33dBm)			
Impedance(Ω)	50			
Maximum input power(W)	50			
Lightning protection	DC grounded			



2690MHz



Mechanical specifications

Connector	2× N-Female
Connector position	Back
Size(mm)	Φ 180× 130
Gross weight(kg)	0.36
Reflector material	Aluminium
Radome material	ABS
Radome color	Gray
Operating temperature(°C)	-40~65

1 port,698-2690MHz, 8dBi,9dBi,Log periodic Antenna-WDS-CF065V0809Q00CV01

Applications:

- 698-2690MHz
- Log periodic antenna

Features:

- Wide band

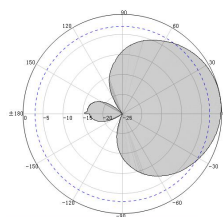
Connector:

- N-Female, 4.3-10 Female or customized

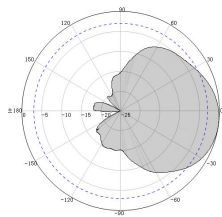


Electrical specifications

Frequency range (MHz)	698-960	1710-2690
Polarization	Vertical	Vertical
Gain(dBi)	8	9
Horizontal beam-width(°)	90	70
3dB Vertical beam-width(°)	85	55
VSWR	≤1.8	≤1.8
Front to Back Ratio	≥12	≥15
Intermodulation IM3(dBc)	≤-150dBc(@2*43dBm)	
Impedance(Ω)	50	
Maximum input power(W)	500	
Lightning protection	DC grounded	



698MHz



2690MHz

Mechanical specifications

Connector	1×N-Female
Connector position	Back
Size(mm)	300×210×65
Gross weight(kg)	0.65
Wind resistance(km/h)	210
Reflector material	Aluminium
Radome material	ABS
Radome color	Gray
Operating temperature(℃)	-40~65
Waterproof	IP65

1 port,698-2690MHz, 9dBi,10dBi,Log periodic Antenna-WDS-CF065V0910Q00CV01

Applications:

- 698-2690MHz
- Log periodic antenna

Features:

- Wide band

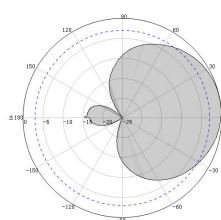
Connector:

- 7/16-Female, 4.3-10 Female or customized

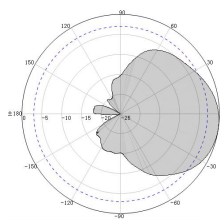


Electrical specifications

Frequency range (MHz)	698-960	1710-2690
Polarization	Vertical	Vertical
Gain(dBi)	9	10
Horizontal beam-width(°)	75	60
3dB Vertical beam-width(°)	55	50
VSWR	≤1.5	≤1.5
Front to Back Ratio	≥22	≥22
Intermodulation IM3(dBc)	≤-150dBc(@2*43dBm)	
Impedance(Ω)	50	
Maximum input power(W)	500	
Lightning protection	DC grounded	



698MHz



2690MHz

Mechanical specifications

Connector	1×7/16-Female
Connector position	Bottom
Size(mm)	550*210*65
Gross weight(kg)	0.9
Wind resistance(km/h)	200
Reflector material	Aluminium
Radome material	ABS
Radome color	Gray
Operating temperature(℃)	-40~65
Waterproof	IP65