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LTE Antenna LTE 天线系列

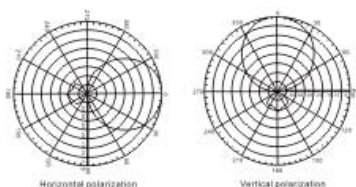
P/N:

EXLTE08270807 B3/B7/B20 LTE ANTENNA

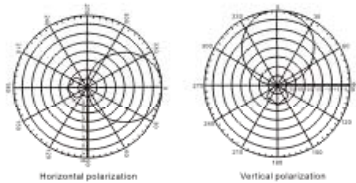


Electrical specifications

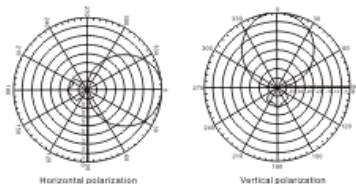
Frequency range (MHz)	791~862	1710~2170	2300~2700
VSWR	≤ 3.0		
Impedance (ohm)	50		
Gain(dBi)	5 ± 1	8 ± 1	8 ± 1
Polarization	Vertical&H or $\pm 45^\circ$		
H plan beam width	$80 \pm 6^\circ$ @0.8G	$65 \pm 5^\circ$ @1.8G	$65 \pm 5^\circ$ @2.6G
V plan beam width	$75 \pm 6^\circ$ @0.8G	$60 \pm 5^\circ$ @1.8G	$60 \pm 5^\circ$ @2.6G
Efficiency	$> 50\%$		
Isolation Degree	$> 12\text{dB}$		
Max input power	30W		
Lightning protection	DC Ground		



791~862MHz



1710~1880MHz



2500~2700MHz

Mechanical specifications

Dimensions (mm)	280X280X20
Wind loading area (m ²)	0.08
Weight (g)	735 Max
Rated wind velocity (m/s)	128
Connector	MCX (Customized)
Connector position	Bottom
Waterproof level	IP67
Radome material	UV PC
Radome color	Icecream
Operating temperature (°C)	-40~55
RoHS compliance	Yes

P/N:

EXLTE17210604 2 PORT 6dBi LTE ANTENNA

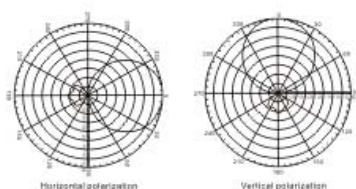


Electrical specifications

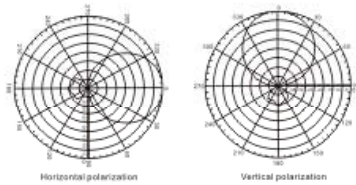
Frequency range(MHz)	1710~2170
VSWR	≤ 3.0
Impedance(ohm)	50
Gain(dBi)	6.5 ± 0.5
Polarization	Vertical&Horizontal or $\pm 45^\circ$
H plan beam width	$65 \pm 5^\circ$
V plan beam width	$60 \pm 5^\circ$
Efficiency	$>60\%$
Antenna Isolation Degree	$>8\text{dB}$
Max input power	20W
Lightning protection	DC Ground

Mechanical specifications

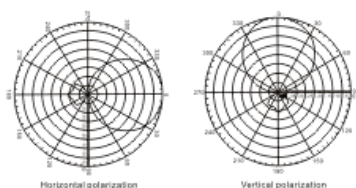
Dimensions (mm)	280x280x20
Wind loading area (m^2)	0.08
Weight (g)	730 Max
Rated wind velocity (m/s)	128
Waterproof level	IP67
Connector	MCX (Customized)
Connector position	Bottom
Radome material	UV PC
Radome color	Icecream
Operating temperature ($^\circ\text{C}$)	$-40 \sim 60$
RoHS compliance	Yes



1710~1880MHz



1850~1990MHz

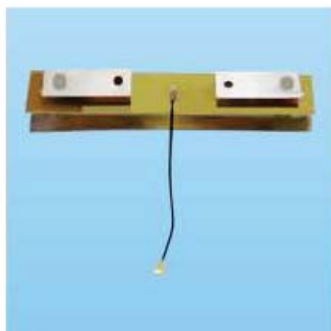


1920~2170MHz

LTE Antenna LTE 天线系列

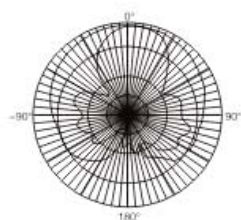
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EXLTE23360706 B40/B41/B42 LTE ANTENNA

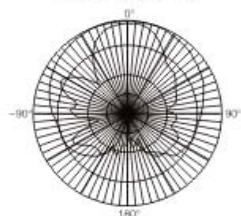


Electrical specifications

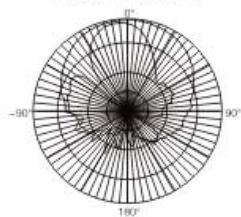
Frequency range (MHz)	2300~2400	2500~2700	3400~3600
VSWR	≤ 3.0		
Impedance (ohm)	50		
Gain(dBi)	$\geq 5.5 \pm 0.5$	$\geq 5.5 \pm 0.5$	$\geq 6.5 \pm 0.5$
Polarization	Vertical		
H plan beam width	$\geq 55^\circ$		
Efficiency	>50%	>50%	>60%
Max input power	4W		



2300~2400MHz



2500~2700MHz



3400~3600MHz

Mechanical specifications

Dimensions (mm)	110x20x24
Connector	IPEX+1.13MM CABLE
Operating temperature (°C)	-40~55
RoHS compliance	Yes

P/N:

EXLTE23270805 2 PORT 8dBi LTE ANTENNA

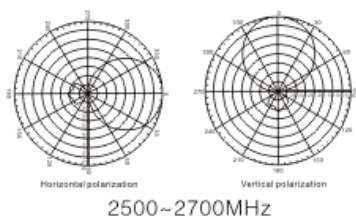
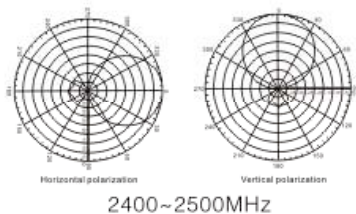
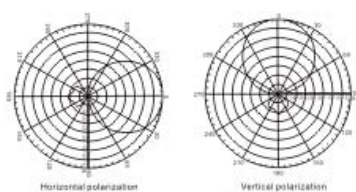


Electrical specifications

Frequency range(MHz)	2300~2700
VSWR	≤ 3.0
Impedance(ohm)	50
Gain(dBi)	$8 \pm 0.5@2.6\text{GHz}$
Polarization	Vertical&Horizontal or $\pm 45^\circ$
H plan beam width	$65 \pm 5^\circ$
V plan beam width	$60 \pm 5^\circ$
Efficiency	$>60\%$
Antenna Isolation Degree	$>8\text{dB}$
Max input power	20W
Lightning protection	DC Ground

Mechanical specifications

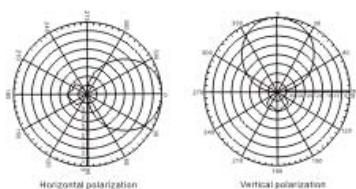
Dimensions(mm)	350x350x45
Windloadingarea(m ²)	0.08
Weight (g)	730 Max
Rated wind velocity(m/s)	128
Waterproof level	IP67
Connector	MCX
Connector position	Bottom
Radome material	UV PC
Radome color	Gray
Operating temperature (°C)	-40~80
RoHS compliance	Yes



LTE Antenna LTE 天线系列

P/N:

EXLTE45460501 2 PORT 5dBi LTE ANTENNA



452.5~467.5MHz

Electrical specifications

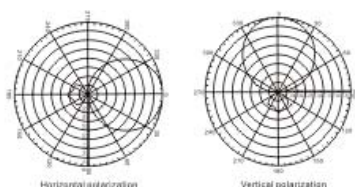
Frequency range(MHz)	452.5~467.5
VSWR	≤ 3
Impedance(ohm)	50
Gain(dBi)	5 Min
Polarization	$\pm 45^\circ$
H plan beam width	$70 \pm 6^\circ$
V plan beam width	$70 \pm 6^\circ$
Efficiency	$> 60\%$
Antenna Isolation Degree	$> 12\text{dB}$
Front-to-back Ratio	$> 10\text{dB}$
Max input power	30W
Lightning protection	DC Ground

Mechanical specifications

Dimensions(mm)	280x280x20
Wind loading area(m ²)	0.08
Weight (g)	700
Rated wind velocity(m/s)	180
Waterproof level	IP67
Connector	IPEX
Connector position	Bottom
Radome material	UV ABS
Radome color	Gray
Operating temperature (°C)	-40~80
RoHS compliance	Yes

P/N:

EXLTE45460702 2 PORT 7dBi LTE ANTENNA



452.5~467.5MHz

Electrical specifications

Frequency range(MHz)	452.5~467.5
VSWR	≤ 2.5
Impedance(ohm)	50
Gain(dBi)	7 Min
Polarization	$\pm 45^\circ$
H plan beam width	$70 \pm 6^\circ$
V plan beam width	$70 \pm 6^\circ$
Efficiency	$>60\%$
Antenna Isolation Degree	$>12\text{dB}$
Front-to-back Ratio	$>10\text{dB}$
Max input power	30W
Lightning protection	DC Ground

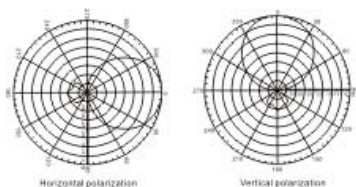
Mechanical specifications

Dimensions(mm)	320x320x40
Wind loading area(m ²)	0.08
Weight (g)	2500
Rated wind velocity(m/s)	180
Waterproof level	IP67
Connector	IPEX
Connector position	Bottom
Radome material	UVABS
Radome color	Gray
Operating temperature (°C)	-40~80
RoHS compliance	Yes

LTE Antenna LTE 天线系列

P/N:

EXLTE79860503 2 PORT 5dBi LTE ANTENNA



791~862MHz

Electrical specifications

Frequency range(MHz)	791~862
VSWR	≤ 3.0
Impedance(ohm)	50
Gain(dBi)	5.5 ± 0.5
Polarization	Vertical&Horizontal or $\pm 45^\circ$
H plan beam width	$80 \pm 6^\circ$
V plan beam width	$70 \pm 6^\circ$
Efficiency	$>60\%$
Antenna Isolation Degree	$>8\text{dB}$
Max input power	20W
Lightning protection	DC Ground

Mechanical specifications

Dimensions (mm)	280x280x20
Wind loading area (m ²)	0.08
Weight (g)	730 Max
Rated wind velocity (m/s)	128
Waterproof level	IP67
Connector	MCX (Customized)
Connector position	Bottom
Radome material	UV PC
Radome color	Icecream
Operating temperature (°C)	-40~60
RoHS compliance	Yes

Panel Antenna板状天线系列

P/N:

EXPAN24581402 2 PORT PANEL ANTENNA

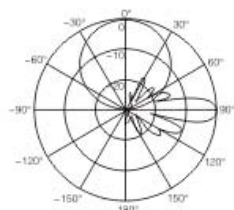


Electrical specifications

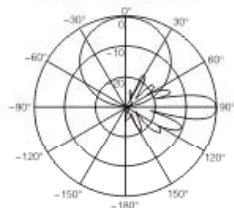
Frequency range (MHz)		2400~2500	5150~5850	
VSWR		$\leq 1.5@2.4G$	$\leq 1.8@5G$	$\leq 1.8@5.8G$
Impedance (ohm)		50		
Gain(dBi)	Port	2400MHz	2450MHz	2500MHz
	Port V1	14.0	14.0	14.0
	Port	5150MHz	5500MHz	5850MHz
	Port V1	15.0	15.5	16.0
Polarization		Vertical&Horizontal		
H plan beam width		65		
V plan beam width		$15 \pm 2^\circ @2.4G$ $8 \pm 2^\circ @5G$ $7 \pm 2^\circ @5.8G$		
Max input power		20W		
Lightning protection		DC Ground		

Mechanical specifications

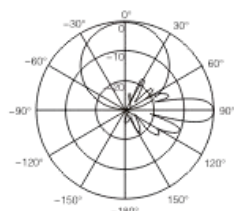
Dimensions (mm)	368x368x44.5
Wind loading area(m ²)	0.1
Rated wind velocity(m/s)	60
Connector	B/H MCX Female (Customized)
Connector position	Bottom
Waterproofing Rate	IP67
Radome material	UV ABS
Radome color	Gray
Operating temperature(°C)	-40~60
RoHS compliance	Yes



2400~2500MHz



5150~5550MHz

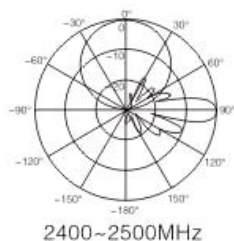


5725~5850MHz

Panel Antenna板状天线系列

P/N:

EXPAN24581403 3 PORT PANEL ANTENNA



Electrical specifications

Frequency range (MHz)		2400~2500	5150~5850	
VSWR		≤1.5@2.4G	≤1.8@5G	≤1.6@5.8G
Impedance (ohm)		50		
Gain(dBi)	Port	2400MHz	2450MHz	2500MHz
	Port H1	14.0	14.0	14.0
	Port V1	14.0	14.0	14.0
	Port	5150MHz	5500MHz	5850MHz
	Port H1	15.0	15.5	16.0
Polarization		Vertical&Horizontal		
H plan beam width		65		
V plan beam width		15 ± 2° @2.4G 8 ± 2° @5G 7 ± 2° @5.8G		
Max input power		20W		
Lightning protection		DC Ground		

Mechanical specifications

Dimensions (mm)	368x368x44.5
Wind loading area(m ²)	0.1
Rated wind velocity(m/s)	60
Connector	B/H SMA Female
Connector position	Bottom
Waterproofing Rate	IP67
Radome material	UVABS
Radome color	Gray
Operating temperature(°C)	-40~60
RoHS compliance	Yes

P/N:

EXPAN24581404 4 PORT PANEL ANTENNA

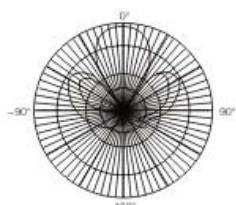


Electrical specifications

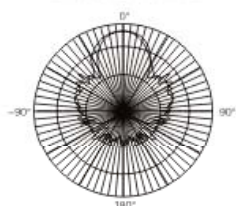
Frequency range (MHz)	2400~2500	5150~5350	5470~5725	5725~5850
VSWR	≤1.5	≤2.0		
Impedance (ohm)	50	50		
Gain(dBi)	14.0	14.5		
Polarization	Vertical & Horizontal	Vertical & Horizontal		
H plan beam width	30°	30°		
V plan beam width	30°	30°		
Antenna Isolation Degree	>28dB	>28dB		
Front-to-back Ratio	25dB	28dB		
Max input power	20W	20W		
Lightning protection	DC Ground	DC Ground		

Mechanical specifications

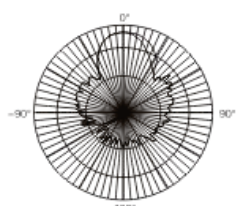
Dimensions (mm)	368x368x44.5
Installation	Pole installation,adjustable -30~+30°
Reflection panel	Aluminum,conductive oxide wire drawing processing
Salt fog level	Neutral 96H
Waterproof level	IP67
Connector	SMA
Connector position	Bottom
Radome material	UV ABS
Radome color	Gray
Operating temperature (°C)	-40~+60
RoHS compliance	Yes



2400~2500MHz



5150~5350MHz



5725~5850MHz

Panel Antenna板状天线系列

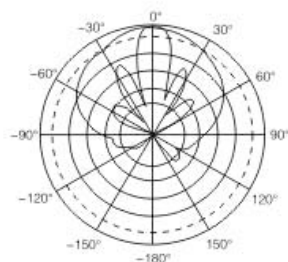
P/N:

EXPAN24581504 4 PORT SPSP PANEL ANTENNA

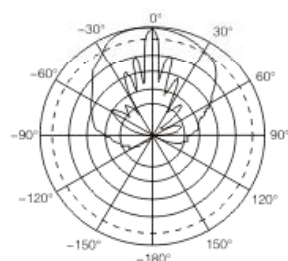


Electrical specifications

Frequency range (MHz)	2400~2500	5150~5350	5470~5725	5725~5850
VSWR	≤1.5	≤1.8		
Impedance (ohm)	50	50		
Gain(dBi)	13.5	15		
Polarization	Vertical & Horizontal		Vertical&Horizontal	
H plan beam width	65°	55°	60°	65°
V plan beam width	17°	8°		
Antenna Isolation Degree	>27dB	>28dB		
Front-to-back Ratio	25dB	28dB		
Max input power	20W	20W		
Lightning protection	DC Ground	DC Ground		



2400~2500MHz



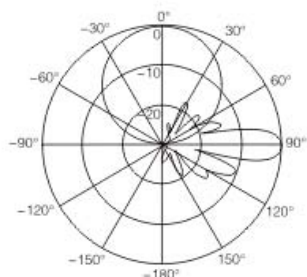
5150~5850MHz

Mechanical specifications

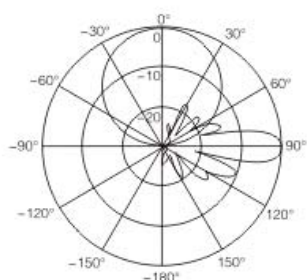
Dimensions (mm)	368x368x44.5
Installation	Pole installation, adjustable -30°~+30°
Reflection panel	Aluminum, conductive oxide wire drawing processing
Salt fog level	Neutral 96H
Waterproof level	IP67
Connector	N-Female
Connector position	Bottom
Radome material	UV ABS
Radome color	Gray
Operating temperature (°C)	-40~+60
RoHS compliance	Yes

P/N:

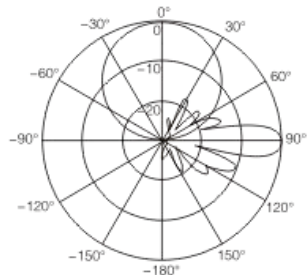
EXPAN24581506 6 PORT PANEL ANTENNA



2400~2500MHz



5150~5550MHz



5725~5850MHz

Electrical specifications

Frequency range (MHz)		2400~2500	5150~5550	5725~5850
VSWR		≦ 1.5@2.4G	≦ 1.8@5G	≦ 1.8@5.8G
Impedance (ohm)		50		
Gain(dBi)	Port	2400MHz	2450MHz	2500MHz
	Port H1	15.0	15.0	15.0
	Port V1	15.0	15.0	15.0
	Port V2	15.0	15.0	15.0
	Port	5150MHz	5500MHz	5850MHz
	Port H1	16.0	16.5	17.0
	Port V1	16.0	16.5	17.0
	Port V2	16.0	16.5	17.0
Polarization		Vertical&Horizontal		
H plan beam width		65 ± 6°		
V plan beam width		15 ± 2° @2.4G 8 ± 2° @5G 7 ± 2° @5.8G		
Max input power		20W		
Lightning protection		DC Ground		

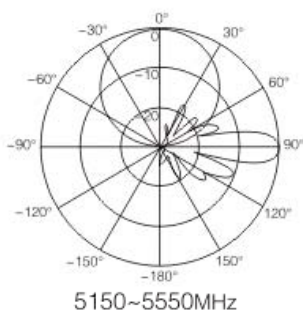
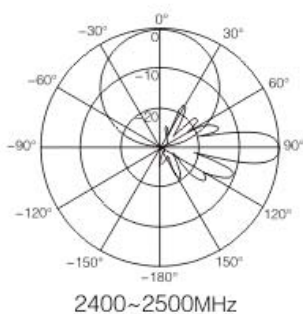
Mechanical specifications

Dimensions (mm)	500x460x40
Wind loading area(m ²)	0.1
Rated wind velocity(m/s)	60
Connector	B/H SMA Female
Connector position	Bottom
Waterproofing Rate	IP67
Radome material	UV ABS
Radome color	Gray
Operating temperature(°C)	-40~60
RoHS compliance	Yes

Panel Antenna板状天线系列

P/N:

EXPAN24581508 8 PORT PANEL ANTENNA



Electrical specifications

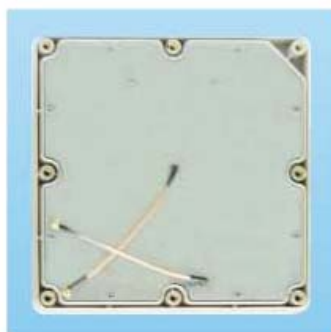
Frequency range (MHz)		2400~2500	5150~5550	5725~5850
VSWR		≤1.5@2.4G	≤1.8@5G	≤1.8@5.8G
Impedance (ohm)		50		
Gain(dBi)	Port	2400MHz	2450MHz	2500MHz
	Port H1	15.0	15.0	15.0
	Port V1	15.0	15.0	15.0
	Port H2	15.0	15.0	15.0
	Port V2	15.0	15.0	15.0
	Port	5150MHz	5500MHz	5850MHz
	Port H1	16.0	16.5	17.0
	Port V1	16.0	16.5	17.0
	Port H2	16.0	16.5	17.0
	Port V2	16.0	16.5	17.0
Polarization		Vertical&Horizontal		
H plan beam width		65 ± 6°		
V plan beam width		15 ± 2 ° @2.4G 8 ± 2° @5G 7 ± 2° @5.8G		
Max input power		20W		
Lightning protection		DC Ground		

Mechanical specifications

Dimensions (mm)	500x460x40
Wind loading area(m ²)	0.1
Rated wind velocity(m/s)	60
Connector	B/H SMA Female
Connector position	Bottom
Waterproofing Rate	IP67
Radome material	UV ABS
Radome color	Gray
Operating temperature(°C)	-40~60
RoHS compliance	Yes

P/N:

EXPAN33381402 2 PORT PANEL ANTENNA

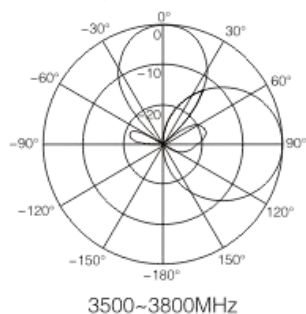
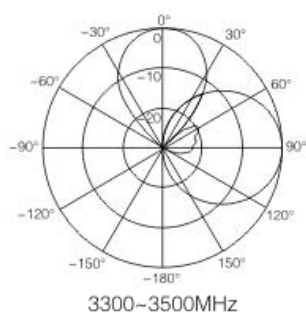


Electrical specifications

Frequency range (MHZ)	3300~3800
VSWR	≤ 1.8
Impedance (ohm)	50
Gain(dBi)	14 ± 1
Polarization	Vertical&Horizontal
H plan beam width	$33 \pm 3^\circ$
V plan beam width	$30 \pm 2^\circ$
Max input power	20W
Lightning protection	DC Ground
Antenna Isolation Degree	>28
Front-to-back Ratio	>25

Mechanical specifications

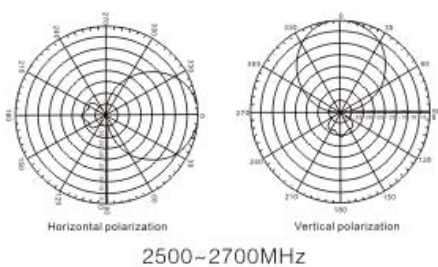
Dimensions (mm)	200x200x22
Wind loading area(m ²)	0.1
Rated wind velocity(m/s)	60
Connector	MCX plug with 70mm RGD316
Connector position	Bottom
Radome material	UV ABS
Radome color	Gray
Operating temperature(°C)	-40~60
RoHS compliance	Yes



WIMAX Antenna WIMAX 天线系列

P/N:

EXWIM25270701 2500~2700 MHZ WIMAX ANTENNA

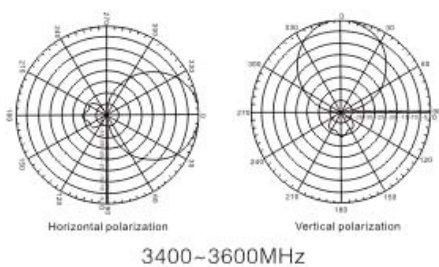


Antenna parameters and specifications

Standard	Wimax/LTE/Wifi
Frequency range	2500~2700MHz
Peak gain	7 dBi
Feed Impedance	50 ohm
VSWR	2.0 Max
Power handling	30 dBm
Port	4 Port(I-PEX or Optional)
Interface	1.13 Coaxial cable with I-PEX
	Compatible cable connector(optional)
	Cable mounted EMI ferrites(optional)
Dimensions	70x70x22MM
Temperature range	Operating: -40°C to +75° C
	Storage: -40°C to +85° C
Humidity range	0% to 95% non-condensing

P/N:

EXWIM34360802 3400~3600 MHZ WIMAX ANTENNA



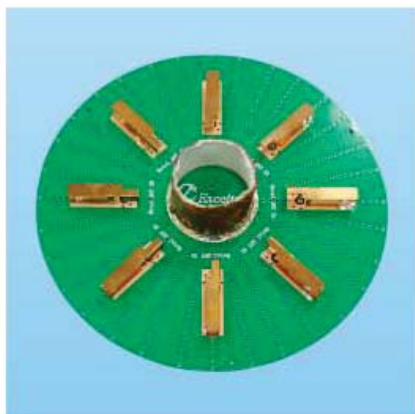
Antenna parameters and specifications

Standard	Wimax/LTE/Wifi
Frequency range	3400~3600MHz
Peak gain	8 dBi
Feed Impedance	50 ohm
VSWR	2.0 Max
Power handing	30 dBm
Port	4 Port(I-PEX or Optional)
Interface	1.13 Coaxial cable with I-PEX
	Compatible cable connector(optional)
	Cable mounted EMI ferrites(optional)
Dimensions	138x66x20MM
Temperature range	Operating: -40°C to +75°C
	Storage: -40°C to +85°C
Humidity range	0% to 95% non-condensing

MIMO Antenna MIMO 天线系列

P/N:

EXMIM24580305 8 Port Smart MIMO Antenna E Type

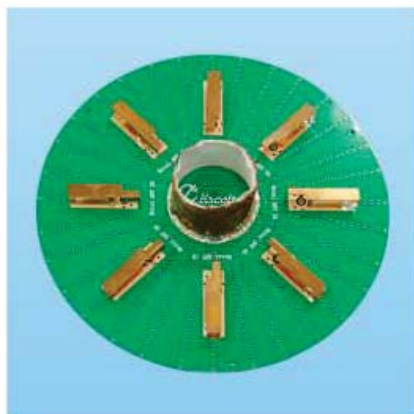


Antenna parameters and specifications

Standard	IEEE 802.11n and 802.11b/g
Frequency range	2.4–2.483GHz/5.15–5.85GHz
Peak gain	3 dBi Max@2.4–2.483 dBi Max@5.15–5.85
Feed Impedance	50 ohm
VSWR	2.0 Max
Power handling	30 dBm
Port	8 Port(I–PEX/SMA or Optional)
Interface	2 through-hole soldering pins for 50 ohm Microstripline pcb trace
	50 ohm, 1.13mm diameter, micro coax cable, U.FL
	Compatible cable connector(optional)
	Cable mounted EMI ferrites(optional)
Dimensions	Φ160x15MM
Temperature range	Operating: –40°C to +75°C (–40° to +167° F)
	Storage: –40°C to +85°C (–40° to +185° F)
Humidity range	0% to 95% non-condensing

P/N:

EXMIM24580303 8 Port Smart MIMO Antenna C Type



Antenna parameters and specifications

Standard	IEEE 802.11n and 802.11b/g
Frequency range	2.4–2.483GHz/5.15–5.85GHz
Peak gain	3 dBi Max@2.4–2.483 5dBi Max@5.15–5.85
Feed Impedance	50 ohm
VSWR	2.0 Max
Power handling	30 dBm
Port	8 Port(I-PEX/SMA or Optional)
Interface	2 through-hole soldering pins for 50 ohm Microstripline pcb trace
	50 ohm, 1.13mm diameter, micro coax cable, U.FL
	Compatible cable connector(optional)
	Cable mounted EMI ferrites(optional)
Dimensions	Φ 160x15MM
Temperature range	Operating: -40°C to +75°C (-40° to +167° F)
	Storage: -40°C to +85°C (-40° to +185° F)
Humidity range	0% to 95% non-condensing

MIMO Antenna MIMO 天线系列

P/N:

EXMIM24580306 12 Port Smart MIMO Antenna

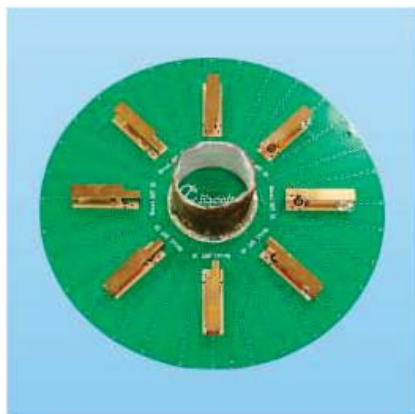


Antenna parameters and specifications

Standard	IEEE 802.11n and 802.11b/g
Frequency range	2.4–2.483GHz/5.15–5.85GHz
Peak gain	3 dBi Max@2.4–2.483 5dBi Max@5.15–5.85
Feed Impedance	50 ohm
VSWR	2.0 Max
Power handing	30 dBm
Port	12 Port(I-PEX/SMA or Optional)
Interface	2 through-hole soldering pins for 50 ohm Microstripline pcb trace
	50ohm, 1.13mm diameter,micro coax cable,U.FL
	Compatible cable connector(optional)
	Cable mounted EMI ferrites(optional)
Dimensions	Φ 160x15MM
Temperature range	Operating:–40°C to +75°C(–40° to +167° F)
	Storage:–40°C to +85°C(–40° to +185° F)
Humidity range	0% to 95% non-condensing

P/N:

EXMIM24580401 8 Port Smart MIMO Antenna A Type



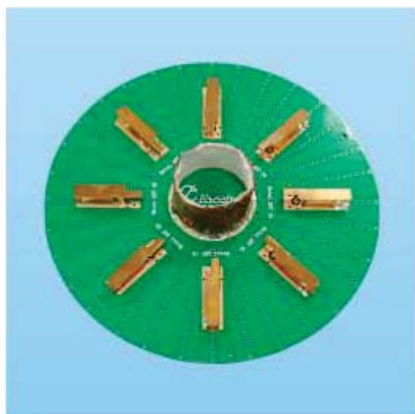
Antenna parameters and specifications

Standard	IEEE 802.11n and 802.11b/g
Frequency range	2.4–2.483GHz/5.15–5.85GHz
Peak gain	4 dBi Max@2.4–2.483 5dBi Max@5.15–5.85
Feed Impedance	50 ohm
VSWR	2.0 Max
Power handling	30 dBm
Port	8 Port(I–PEX/SMA or Optional)
Interface	2 through-hole soldering pins for 50 ohm Microstripline pcb trace
	50 ohm, 1.13mm, diameter, micro coax cable, U.FL
	Compatible cable connector(optional)
	Cable mounted EMI ferrites(optional)
Dimensions	Φ 160x15MM
Temperature range	Operating: –40°C to +75°C(–40° to +167° F)
	Storage: –40°C to +85°C(–40° to +185° F)
Humidity range	0% to 95% non-condensing

MIMO Antenna MIMO 天线系列

P/N:

EXMIM24580402 8 Port Smart MIMO Antenna B Type

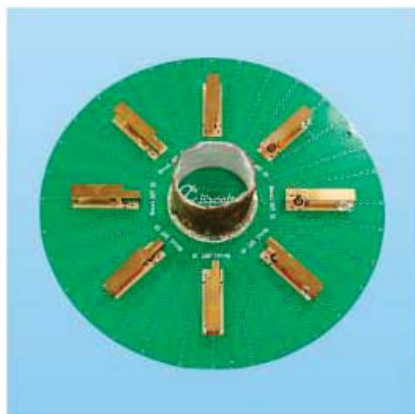


Antenna parameters and specifications

Standard	IEEE 802.11n and 802.11b/g
Frequency range	2.4–2.483GHz/5.15–5.85GHz
Peak gain	4 dBi Max@2.4–2.483 5dBi Max@5.15–5.85
Feed Impedance	50 ohm
VSWR	2.0 Max
Power handling	30 dBm
Port	8 Port(I–PEX/SMA or Optional)
Interface	2 through–hole soldering pins for 50 ohm Microstripline pcb trace
	50ohm, 1.13mm diameter, micro coax cable, U.FL
	Compatible cable connector(optional)
	Cable mounted EMI ferrites(optional)
Dimensions	Φ 160x25MM
Temperature range	Operating: –40°C to +75°C (–40° to +167° F)
	Storage: –40°C to +85°C (–40° to +185° F)
Humidity range	0% to 95% non–condensing

P/N:

EXMIM24580404 8 Port Smart MIMO Antenna D Type



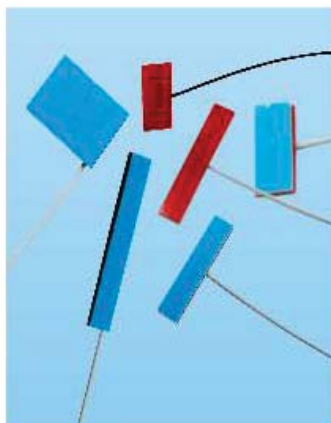
Antenna parameters and specifications

Standard	IEEE 802.11n and 802.11b/g
Frequency range	2.4–2.483GHz/5.15–5.85GHz
Peak gain	4 dBi Max@2.4–2.483 5dBi Max@5.15–5.85
Feed Impedance	50 ohm
VSWR	2.0 Max
Power handing	30 dBm
Port	8 Port(I–PEX/SMA or Optional)
Interface	2 through–hole soldering pins for 50 ohm Microstripline pcb trace
	50 ohm, 1.13mm diameter, micro coax cable, U, FL
	Compatible cable connector(optional)
	Cable mounted EMI ferrites(optional)
Dimensions	Φ 160x25MM
Temperature range	Operating: –40°C to +75°C(–40° to +167° F)
	Storage: –40°C to +85°C(–40° to +185° F)
Humidity range	0% to 95% non–condensing

PIFA Antenna PIFA 天线系列

P/N:

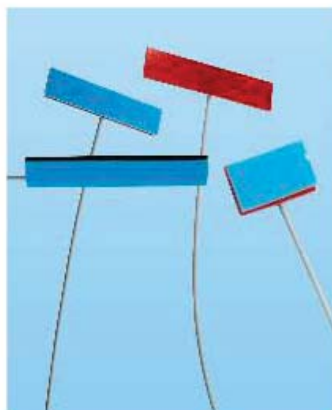
EXPIF24590102 PCB PIFA Antenna



Antenna Series	Frequency (GHz)	Peak Gain (dBi@GHz)	VSWR	Impedance	Interface	Dimensions (mm)
N5X20B	4.9 to 5.9	2.3 @ 5.2 2.9 @ 5.8 3.8 @ 5.8	2:1	50 ohm	1.13 coaxial cable (available with optional I-pex connector and/or cable mounted EMI ferrites)	17.5x9.8x0.8
N5X20SC	4.9 to 5.9	2.5 @ 5.2	2:1	50 ohm	1.13 coaxial cable (available with optional I-pex connector and/or cable mounted EMI ferrites)	21x8x0.5
N2410CM	2.4 to 2.49	0.7dBi	2:1	50 ohm	1.13 coaxial cable +I-pex connector (optional)+EMI ferrites(optional)	28.9x5x0.5
N2420	2.4 to 2.49	3.3dBi	2:1	50 ohm	1.13 coaxial cable +I-pex connector (optional)+EMI ferrites(optional)	47.8x7.4x0.5
N2420DCM	2.4 to 2.49 4.9 to 5.9	2.0 @ 2.44 3.1 @ 5.2 4.1 @ 5.8	2:1	50 ohm	1.13 coaxial cable (available with optional I-pex connector and/or cable mounted EMI ferrites)	35.5x8.6x0.8
N2420DCS	2.4 to 2.49 4.9 to 5.9	2.0 @ 2.4 1.8 @ 5.2	2:1	50 ohm	1.13 coaxial cable +I-pex connector	30x9.5x1.0
N2420DCSS	2.4 to 2.49 4.9 to 5.9	2.8 @ 2.44 3.1 @ 5.2	2:1	50 ohm	1.13 coaxial cable +I-pex connector	29.5x9.53x1.0
N2420SM	2.4 to 2.49	3.3 @ 2.44	2:1	50 ohm	1.13 coaxial cable +I-pex connector (optional)+EMI ferrites(optional)	45.7x6.75x0.5

P/N:

EXPIF24590103 PCB PIFA Antenna

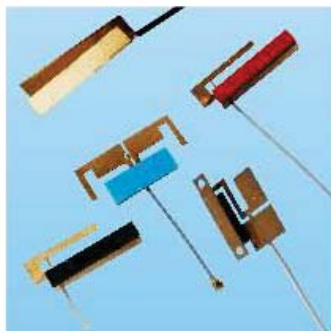


Antenna Series	Frequency (GHz)	Peak Gain (dBi@GHz)	VSWR	Impedance	Interface	Dimensions (mm)
N2420SS	2.4 to 2.49	2.1dB	2:1	50 ohm	1.13 coaxial cable +I-pex connector (optional)+EMI ferrites(optional)	40.0x7.0x1.0
N2420DS	2.4 to 2.49	3.1 @ 2.44	2:1	50 ohm	1.13 coaxial cable (available with optional I-pex connector and/or cable mounted EMI ferrites)	40x8x1
	4.9 to 5.9	2.8 @ 5.2				
N2420DSN	2.4 to 2.49	3.1 @ 2.44	2:1	50 ohm	1.13 coaxial cable (available with optional I-pex connector and/or cable mounted EMI ferrites)	40x8x1
	4.9 to 5.9	3.5 @ 5.2				
N2420DSS	2.4 to 2.49	3.0@2.44	2:1	50 ohm	1.13 coaxial cable	41.7x7.25x1.6
	4.9 to 5.9	2.7 @ 5.2				
N2420S	2.4 to 2.49	1.8dBi	2:1	50 ohm	1.13 coaxial cable +I-pex connector (optional)+EMI ferrites(optional)	40.0x7.0x1.0
N2430GND	2.4 to 2.49	5 @ 2.44	2:1	50 ohm	Two, 1x2.4mm Through hole pins for 50 ohm microstripline trace	34.0x5x12.2
	4.9 to 5.9	6 @ 5.2 6 @ 5.8				
N2430GNS	2.4 to 2.49	5 @ 2.44	2:1	50 ohm	Two, 1x2.4mm Through hole pins for 50 ohm microstripline trace	34.0x5x12.2

PIFA Antenna PIFA 天线系列

P/N:

EXPIF24590101 Sheet Metal PIFA Antenna



Antenna Series	Frequency (GHz)	Peak Gain (dBi@GHz)	VSWR	Impedance	Interface	Dimensions (mm)
M2450DLCB	2.4 to 2.49 4.9 to 5.9	1.4 @ 2.44 2.8 @ 5.2 4.2 @ 5.8	2:1	50 ohm	1.13 coaxial cable +I-pex connector (optional)+EMI ferrites(optional)	35.8x8.5x7.5
M5X05C	4.9 to 5.9	4.0 @ 5.2 4.9 @ 5.8	2:1	50 ohm	1.13 coaxial cable +I-pex connector (optional)+EMI ferrites(optional)	21.9x22x0.4
M5X10C	4.9 to 5.9	3.0 @ 5.2 TBD @ 5.8	2:1	50 ohm	1.13 coaxial cable +I-pex connector (optional)+EMI ferrites(optional)	24.2x4.25x15.24
M2410CM	2.4 to 2.49	2.7 @ 2.44	2:1	50 ohm	1.13 coaxial cable +I-pex connector (optional)+EMI ferrites(optional)	38.6x20.3x0.4
M2430LTM	2.4 to 2.49	2.8 @ 2.44	2:1	50 ohm	2,Through hole solderingpins for 50 ohm, microstripline on PCB	31.6x2.5x3.8
M2445J	2.4 to 2.49	4.5dBi	2:1	50 ohm	1.13 coaxial cable +I-pex connector (optional)+EMI ferrites(optional)	39x5.3x14.7
M2450DLNT	2.4 to 2.49 4.9 to 5.9	1.7 @ 2.44 3.4 @ 5.2	2:1	50 ohm	2,Through hole solderingpins for 50 ohm, microstripline on PCB	6.6x7.5x31.9
M2450DLNTF	2.4 to 2.49 4.9 to 5.9	3.5 @ 2.44 2.9 @ 5.2 3.3 @ 5.8	2:1	50 ohm	2,Through hole solderingpins for 50 ohm, microstripline on PCB	31.93x6.7x7.8

WIFI Antenna WIFI 天线系列

P/N: **EXWIF24250202 2400~2500 MHz 2dBi Antenna(Cable)**



ELECTRICAL SPECIFICATIONS

Frequency Range	2400~2500MHz
VSWR	≤2.0
Peak Gain	2 dBi
Impedance	50 ohm
Radiation Pattern	Omni Directional
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Input Connector Type	RF1.13 cable to IPEX
Dimensions	Φ9.5X104.5MM
Antenna Weight	8g
Operating Temperature	-30~+60°C
RoHS Directive	Compliant to RoHS

P/N: **EXWIF24250201 2400~2500 MHz 2dBi Antenna(SMA)**



ELECTRICAL SPECIFICATIONS

Frequency Range	2400~2500MHz
VSWR	≤2.0
Peak Gain	2 dBi
Impedance	50ohm
Radiation Pattern	Omni Directional
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Input Connector Type	SMA-Plug
Dimensions	Φ9.5x108.5MM
Antenna Weight	11g
Operating Temperature	-30~+60°C
RoHS Directive	Compliant to RoHS

WIFI Antenna WIFI 天线系列

P/N: **EXWIF24250304 2400~2500 MHz 3dBi Antenna(Cable)**



ELECTRICAL SPECIFICATIONS

Frequency Range	2400~2500MHz
VSWR	≤2.0
Peak Gain	3 dBi
Impedance	50 ohm
Radiation Pattern	Omni Directional
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Input Connector Type	RG 178 cable to IPEX
Dimensions	Φ13x151.5MM
Antenna Weight	13g
Operating Temperature	-30~+60℃
RoHS Directive	Compliant to RoHS

P/N: **EXWIF24250303 2400~2500 MHz 3dBi Antenna(SMA)**



ELECTRICAL SPECIFICATIONS

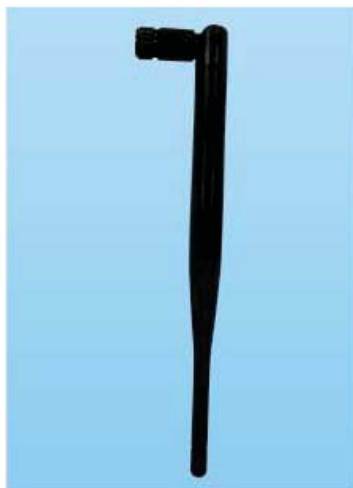
Frequency Range	2400~2500MHz
VSWR	≤2.0
Peak Gain	3 dBi
Impedance	50 ohm
Radiation Pattern	Omni Directional
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Input Connector Type	SMA-Plug
Dimensions	Φ13x157MM
Antenna Weight	23g
Operating Temperature	-30~+60℃
RoHS Directive	Compliant to RoHS

P/N:

EXWIF24250505 2400~2500 MHz 5dBi Antenna(SMA)



ELECTRICAL SPECIFICATIONS

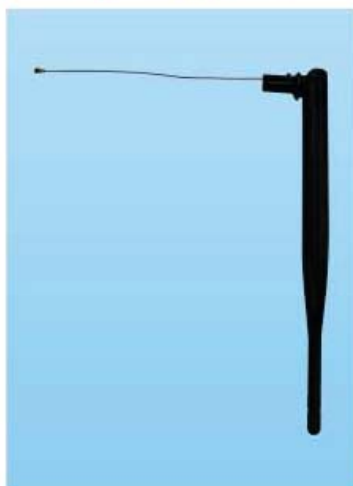
Frequency Range	2400~2500MHz
VSWR	≤2.0
Peak Gain	5 dBi
Impedance	50 ohm
Radiation Pattern	Omni Directional
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Input Connector Type	SMA-Plug
Dimensions	Φ 13x195MM
Antenna Weight	29g
Operating Temperature	-30~+60°C
RoHS Directive	Compliant to RoHS

P/N:

EXWIF24250506 2400~2500 MHz 5dBi Antenna(Cable)



ELECTRICAL SPECIFICATIONS

Frequency Range	2400~2500MHz
VSWR	≤2.0
Peak Gain	5 dBi
Impedance	50 ohm
Radiation Pattern	Omni Directional
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Input Connector Type	RF 1.37 Cable to IPEX
Dimensions	Φ 3x192.5MM
Antenna Weight	16g
Operating Temperature	-30~ +60°C
RoHS Directive	Compliant to RoHS

WIFI Antenna WIFI 天线系列

P/N: **EXWIF24250507 2400~2500 MHz 5dBi Antenna(Cable)**



ELECTRICAL SPECIFICATIONS

Frequency Range	2400~2500MHz
VSWR	≤ 2.0
Peak Gain	5 dBi
Impedance	50 ohm
Radiation Pattern	Omni Directional
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Input Connector Type	RF 1.37 Cable Open
Dimensions	Φ 3x184.5MM
Antenna Weight	16g
Operating Temperature	-30~ +60° C
RoHS Directive	Compliant to RoHS

P/N: **EXWIF24250708 2400~2500 MHz 7dBi Antenna(SMA)**



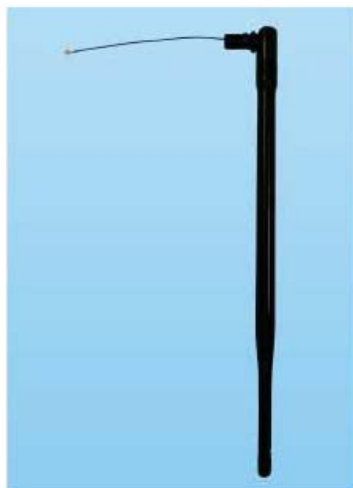
ELECTRICAL SPECIFICATIONS

Frequency Range	2400~2500MHz
VSWR	≤ 2.0
Peak Gain	7 dBi
Impedance	50ohm
RadiationPattern	Omni Directional
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Input Connector Type	SMA-Plug
Dimensions	Φ 13x281MM
Antenna Weight	35g
Operating Temperature	-30~ +60°C
RoHS Directive	Compliant to RoHS

P/N: **EXWIF24250709 2400~2500 MHz 7dBi Antenna(Cable)**



ELECTRICAL SPECIFICATIONS

Frequency Range	2400~2500MHz
VSWR	≤2.0
PeakGain	7 dBi
Impedance	50 ohm
Radiation Pattern	Omni Directional
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Input Connector Type	RF 1.32 Cableto IPEX
Dimensions	Φ 13x273MM
Antenna Weight	25g
Operating Temperature	-30~+60°C
RoHS Directive	Compliant to RoHS

SHIELDING Antenna屏蔽天线系列

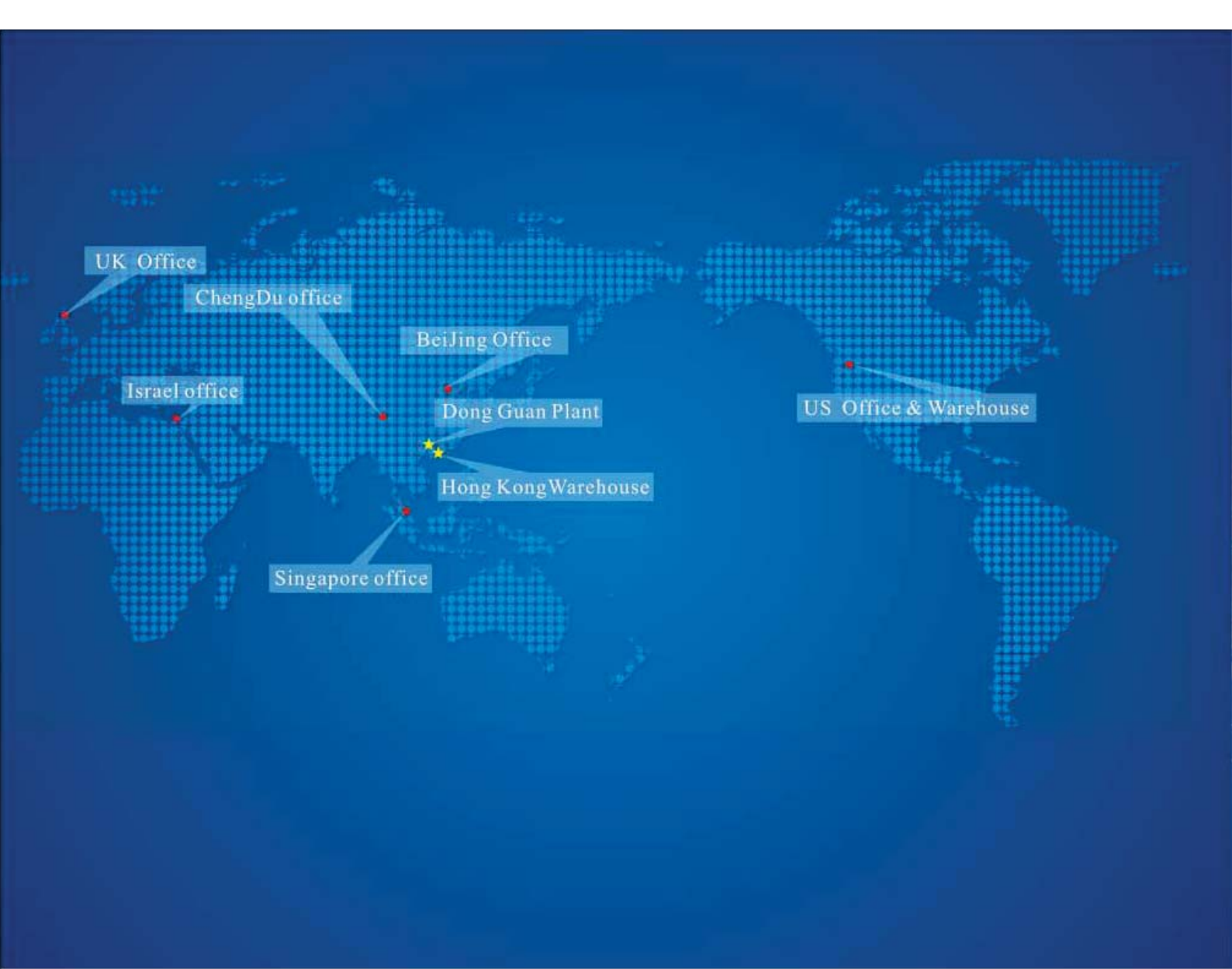
P/N: **EXSHI03250201 SHIELDING ANTENNA**

Electrical Specifications

Standard	300MHz	450MHz	CDMA800	GSM900	DCS1800-A	DCS1800-B	TD-SCDMA	WCDMA-A	WCDMA-B	WCDMA-C	WLAN
Frequency(MHz)	300-380	450-470	869-894	930-960	1805-1830	1830-1850	2010-2025	2130-2135	2135-2140	2140-2145	2400-2500
Polarization	Vertical										
Gain	2dBi	2dBi	5dBi	5dBi	6dBi	6dBi	6dBi	6dBi	6dBi	6dBi	2dBi
Frontto back Ratio	≥ 15dB	≥ 15dB	≥ 25dB								
Impedance	50 ohm										
VSWR	≤ 3.5	≤ 3	≤ 1.6		≤ 1.5						
Max Power	10W										
Lightning Protection	DC Ground										

Mechanical specifications

Connector Type	SMA FEMALE
Dimensions	450*320*60MM
Reflector Material	Aluminum Alloy
Radome Color	White
Operating Temperature	-40°C to +60°C



良特电子科技(东莞)有限公司

Exceltek Electronics Technology(Dongguan)Co.,Ltd.

地址: 中国广东省东莞市常平镇桥沥茂竹山村

Add: Maozhu shan Village, Qiaoli Administration,
Changping,Dongguan,Guangdong,China,523586

Tel: +86-769-83914041 Fax: +86-769-83914043

Contact: Tommy Zhang Mobile: 139 2689 4164

E-mail:sales@exceltek.com.cn

Website:www.exceltek.com.cn

