

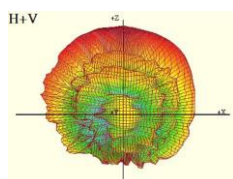
OLX22X-127130-A

Features

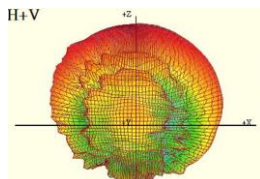
- Wi-Fi 6, including Wi-Fi 6E new 6GHz band directional patch antenna
- Global Frequency coverage
- High efficiency and quick integration with N-Type connector mounting
- Available in customized cable lengths and connectors

Applications

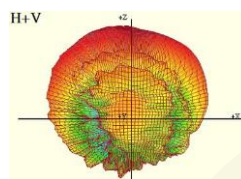
- Outdoor Mesh



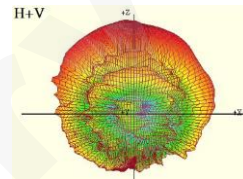
Port 1



Port 2



Port 3



Port 4

Electrical Specification

Category	Specification							
Antenna	Port 1		Port 2		Port 3		Port 4	
Polarization	-45		+45		-45		+45	
Relation	Orthogonal				Orthogonal			
Frequency (MHz)	5150 -5950	5950 -7250	5150 -5950	5950 -7250	5150 -5950	5950 -7250	5150 -5950	5950 -7250
Peak Gain (dBi)	11	12	11	12	11	12	11	12
Peak Gain (dBi) Elevation angle 30°-90°	5150MHz	N/A	5150MHz	N/A	5150MHz	N/A	5150MHz	N/A
	0.97		0		-0.6		-0.3	
	5250MHz		5250MHz		5250MHz		5250MHz	
	0.8		0.5		-0.2		-0.6	
VSWR	2.0:1		2.0:1		2.0:1		2.0:1	
HPBW (Azimuth)	68°		70°		70°		68°	
HPBW (Elevation)	15°		15°		15°		15°	
Beam-squint (°)	+/-2							
Front-to-back ratio (dB)	21							
Sidelobe Levels	10.5							
Isolation (dB)	16							
Power (Watts)	5							
Impedance (Ohms)	50							
Type	Patch							
DC Grounding	Yes							

Mechanical Specification

Category	Specification
Dimension (mm)	220 x 140 x 48.7
Weight (g)	TBD
Connector	N-Type Jack x 4
Material (Radome)	ABS+PC
Weatherproof Level	IP67
Operating Temp (°C)	-40°C ~ +85°C
Storage Temp (°C)	23 ± 5°C
Storage Humidity (%)	30% ~ 70%

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