

Band	3400 - 4200 / 4400 - 5000		
Polarization	±45		
Half-power Beam Width	360°		

## Model:X25-3545FTD

Rev. 01

### Electrical Specifications

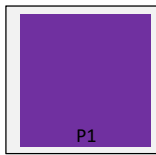
Operating Frequency Band [MHz]	3400 - 4200 / 4400 - 5000		
Frequency Range [MHz]	3400 - 3600	3600 - 4200	4400 - 5000
Polarization	±45		
Gain [dBi]	16	17	18
Horizontal Beam Width [degrees]	28	25	21
Vertical Beam Width [degrees]	28	25	21
Electrical Downtilt [degrees]	0 (fixed)		
VSWR	≤2.0		
Maximum Input Power / Per Port [W]	120		
Impedance [Ω]	50		



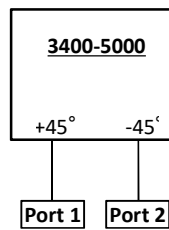
### Mechanical Specifications

Radome Material	Fiberglass
Connector Type	N Female x2
Mounting Hardware	option
Mast Diameter Adjustable	φ42.7mm - φ60.5mm (φ1.68inch - φ2.38inch)
mechanical Downtilt Angle	-40° - +40°
Operating Temperature Range	-20 - +65°C , (-4 - 149°F)
Operating Humidity	0 - 95%RH
Enclosure Protection	IPX4
RF Connector Protection	IP67
Wind Load (Front / Lateral / Rear)	59.7N / 8.1N / 59.7N @93.2 MPH
Wind Velocity	167.7 MPH
Weight	2 kg (4.4 lb)
Dimension (Length x width x depth)	200 x200 x27mm (7.87 x7.87 x1.06 inch)

### Antenna Array Configurations



### Port Layout

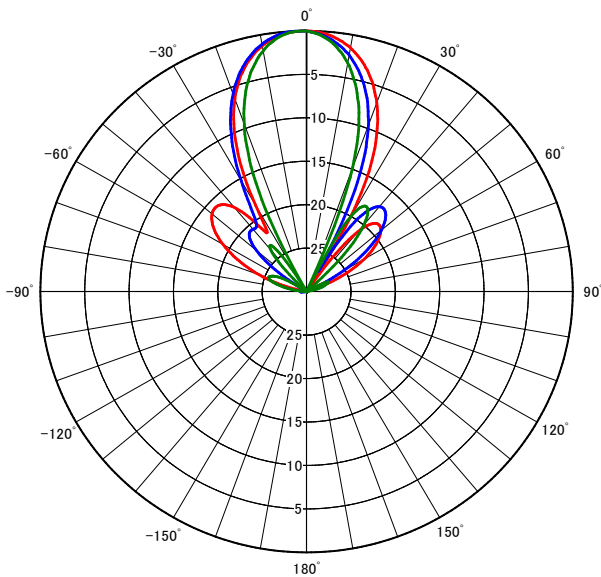


### Antenna Back View



### Horizontal Plane

- 3500MHz
- 3800MHz
- 4800MHz



### Vertical Plane

- 3500MHz
- 3800MHz
- 4800MHz

