

Band	3400 - 4200 / 4400 - 5000
Polarization	X
Half-power Beam Width	65°/65°/60°

Model: X65-3545FTD Rev. 00

Electrical Specifications

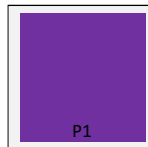
Operating Frequency Band [MHz]	3400 - 4200 / 4400 - 5000		
Frequency Range [MHz]	3400 - 3600	3600 - 4200	4400 - 5000
Polarization	±45		
Gain [dBi]	9		
Horizontal Beam Width [degrees]	65	65	60
Vertical Beam Width [degrees]	65	65	60
Electrical Downtilt [degrees]	0 (fixed)		
VSWR	≤ 2.0		
Maximum Input Power / Per Port	20W		
Impedance	50Ω		



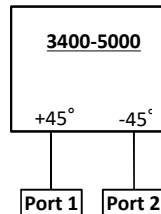
Mechanical Specifications

Radome Material	ASA
Connector Type	N Female x2
Mounting Hardware	option
Mast Diameter Adjustable	φ42.7mm - φ60.5mm (φ1.69inch - φ2.39inch)
Mechanical Downtilt Angle	-40° - +40°
Operating Temperature Range	-20 ~ +65 °C, (-4 ~ 149 °F)
Operating Humidity	0 - 85%RH
Enclosure Protection	IPX4
RF Connector Protection	IP67
Wind Load (Front / Lateral / Rear)	8.4N / 3.2N / 8.4N @93.2MPH
Wind Velocity	167.8MPH
Weight	0.5 kg (1.2 lb)
Dimension (Length x width x depth)	75 x 75 x 28.5 mm (2.96 x 2.96 x 1.12 inch)

Antenna Array Configurations



Port Layout

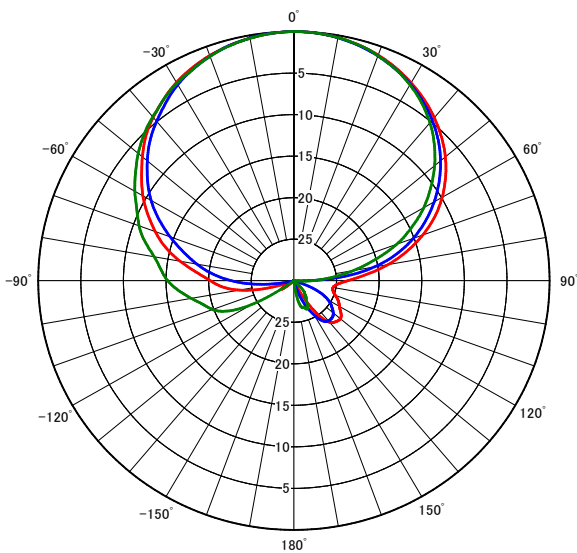


Antenna Back View



Horizontal Plane

- 3500MHz
- 3800MHz
- 4800MHz



Vertical Plane

- 3500MHz
- 3800MHz
- 4800MHz

