

Band	3400 - 5000
Polarization	XX
Half-power Beam Width	25°

Model: X25-3545FTD-W

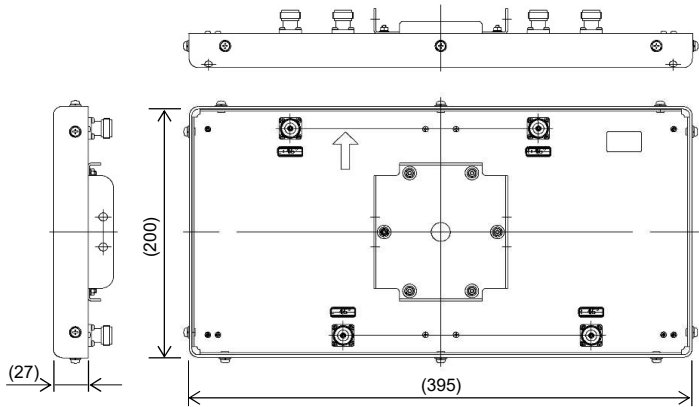
Rev. 01

Electrical Specifications

Operating Frequency Band [MHz]	3400 - 5000 x2		
Frequency Range [MHz]	3400 - 3600	3600 - 4200	4400 - 5000
Polarization [degrees]	±45°		
Gain [dBi]	15.5	16.5	17.5
Horizontal Beam Width [degrees]	25	25	20
Vertical Beam Width [degrees]	25	25	20
Electrical Downtilt [degrees]	0(Fixed)		
VSWR	≤2.0		
Maximum Input Power / Per Port	120W		
Impedance	50Ω		

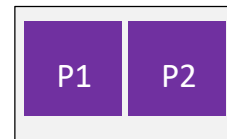
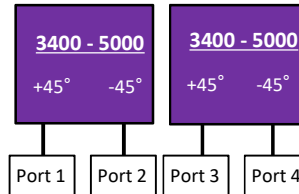
Mechanical Specifications

Radome Material	Fiberglass
Connector Type	N Female x4
Mounting Hardware	option
Mast Diameter Adjustable	φ34.0mm - φ60.5mm (φ1.34inch - φ2.38inch)
Mechanical Tilt Angle	-40-+40°
Operating Temperature Range	-20 -+80°C(-4 -+176°F)
Operating Humidity	0 - 95%RH
Enclosure Protection	IPX4
RF Connector Protection	IP67
Wind Load (Front / Lateral / Rear)	117.7N / 11.8N / 117.7N @150 km/h (@93.3 MPH)
Wind Velocity	270 km/h (167.8 MPH)
Weight	2.5 kg (5.6 lbs)
Dimension (Length x Width x Depth)	395 x 200 x 27mm (15.56 x 7.88 x 1.07inch)



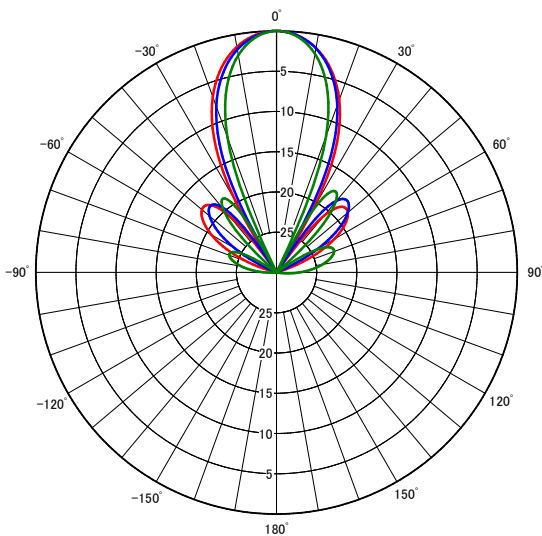
Port Layout

Antenna Array Configurations



Horizontal Plane

- 3500MHz
- 3700MHz
- 4500MHz



Vertical Plane

- 3500MHz
- 3700MHz
- 4500MHz

