

Band	3400 - 5000
Polarization	XX
Half-power Beam Width	65°

DKK Co., Ltd.

Model: X65-3545FTD-W

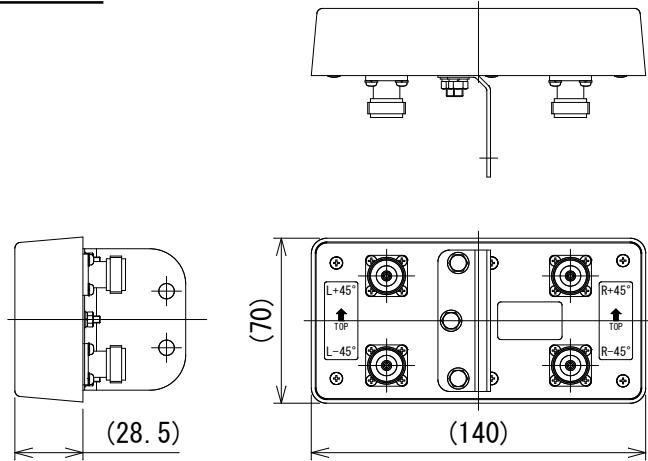
Rev. 01

Electrical Specifications

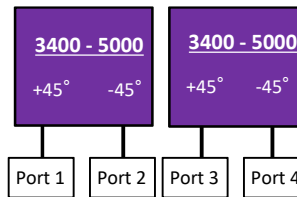
Operating Frequency Band [MHz]	3400 - 5000 x2		
Frequency Range [MHz]	3400 - 3600	3600 - 4200	4400 - 5000
Polarization [degrees]	±45°		
Gain [dBi]	7.5	7.5	8
Horizontal Beam Width [degrees]	65	65	60
Vertical Beam Width [degrees]	65	65	60
Electrical Downtilt [degrees]	0(Fixed)		
VSWR	≤2.0		
Maximum Input Power / Per Port	20W		
Impedance	50Ω		

Mechanical Specifications

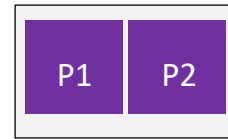
Radome Material	ASA
Connector Type	N Female x4
Mounting Hardware	option
Mast Diameter Adjustable	φ34.0mm - φ60.5mm (φ1.34inch - φ2.38inch)
Mechanical Tilt Angle	-40-+40°
Operating Temperature Range	-20 -+80°C(-4 -+176°F)
Operating Humidity	0 - 85%RH
Enclosure Protection	IPX4
RF Connector Protection	IP67
Wind Load (Front / Lateral / Rear)	14.9N / 7.5N / 14.9N @150 km/h (@93.3 MPH)
Wind Velocity	270 km/h (167.8 MPH)
Weight	0.5 kg (1.2 lbs)
Dimension (Length x Width x Depth)	140 x 70 x 28.5mm (5.52 x 2.76 x 1.13inch)



Port Layout

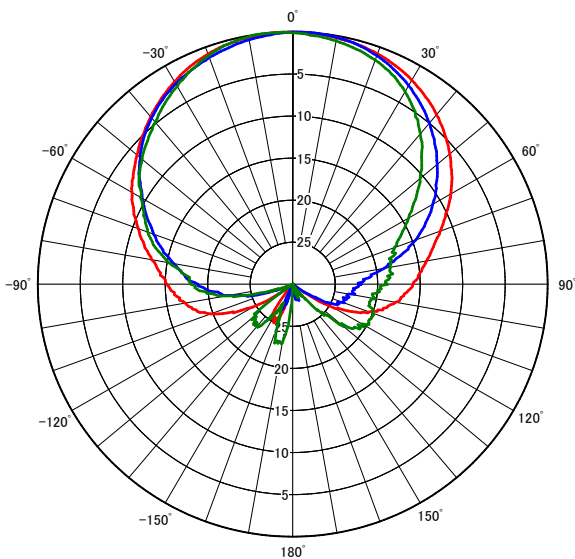


Antenna Array Configurations



Horizontal Plane

- 3500MHz
- 3700MHz
- 4500MHz



Vertical Plane

- 3500MHz
- 3700MHz
- 4500MHz

