

Band	3400 - 4200 / 4400 - 5000
Polarization	X
Half-power Beam Width	80°

DKK Co., Ltd.

Model: X75-3545FTD-T35

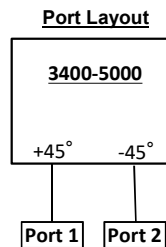
Rev. 01

Electrical Specifications

Operating Frequency Band [MHz]	3400 - 4200 / 4400 - 5000		
Frequency Range [MHz]	3400 - 3600	3600 - 4200	4400 - 5000
Polarization	±45°		
Gain [dBi]	12		
Horizontal Beam Width [degrees]	80		
Vertical Beam Width [degrees]	20		
Electrical Downtilt [degrees]	35 (fixed)		
VSWR	≤ 2.0		
Maximum Input Power / Per Port [W]	40		
Impedance [Ω]	50		

Mechanical Specifications

Radome Material	Polycarbonate
Connector Type	N Female x2
Mounting Hardware	option
Mast Diameter Adjustable	φ25mm - φ60mm (φ0.99inch - φ2.36inch)
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)	27.2N/11.1N/27.2N @93.2MPH
Wind Velocity	134.2MPH
Weight	1kg (2.3lb) at max.
Dimension (Length x width x depth)	260 x 70 x 28.5 mm (10.24 x 2.76 x 1.12 inch)



Antenna Array Configurations

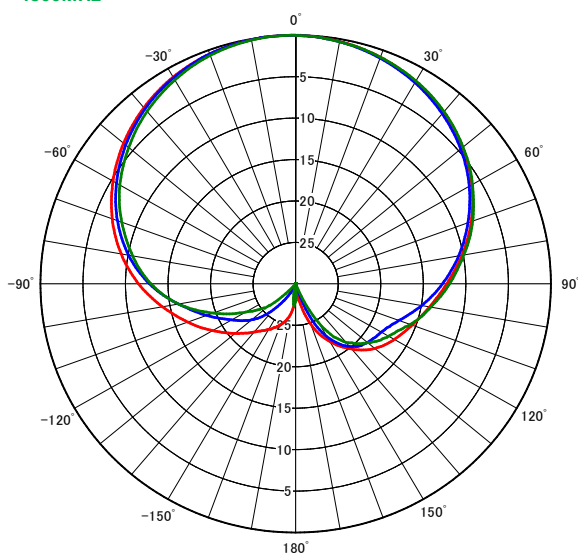


Antenna Back View



Horizontal Plane

- 3500MHz
- 3800MHz
- 4800MHz



Vertical Plane

- 3500MHz
- 3800MHz
- 4800MHz

