

## XXPol 824-960 & 1710-2170 MHz 65° 17/18dBi Fix Tilt 0°

Data Sheet

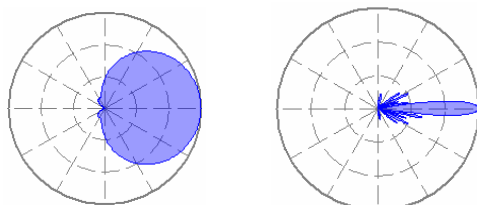
### Dual Band Antenna

Electrical Specifications		
Frequency range (MHz)	824-960	1710-2170
Polarization	±45°	
Gain (dBi)	17	18
Electrical downtilt	Fix 0°	
Half power beam width (°)	Hor: 65 Vert: 7	Hor: 65 Vert: 6
Sidelobe suppression (dB) (First sidelobe above main beam)	≥ 16	
Front-to-back ratio (dB)	≥ 30	
Isolation (dB)	≥ 30	
Cross-polar ratio (dB)	≥ 15(±60° ≥ 11)	
Impedance (Ω)	50	
VSWR	≤ 1.50	
Intermodulation IM3 (2×43dBm carrier)	≤ -150dBc	
Maximum input power (W)	250(at 50°C ambient temperature)	
Lightning protection	DC Ground	



824-960 -45°	824-960 +45°	1710-2170 -45°	1710-2170 +45°
7/16	7/16	7/16	7/16

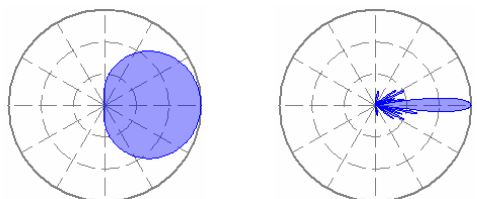
#### 824 – 960 MHz: +45°/-45° Polarization



Horizontal Pattern

Vertical

#### 1710 – 2170 MHz: +45°/-45° Polarization



Horizontal Pattern

Vertical

### Mechanical Specifications

Connector	4×7/16DIN-Female
Connector position	Bottom
Radome material	Fiberglass
Operating temperature(°C)	-40~65
Mounting hardware (mm)	φ 50~ φ 115
Antenna weight (kg)	20.5
Packing weight (kg)	26
Height×width×depth (mm)	2600X268X136
Packing size (mm)	2950X360X220