

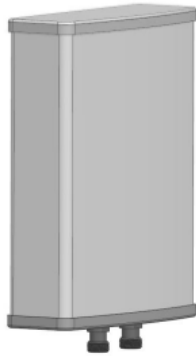
Product Specification Sheet

ST-HBB-33-15-FET0

Xpol ,1710-2170MHz, 33°, 15dBi, FET 0°

Features

- Single Band Antenna
- Frequency support 1710-2170 MHz
- Xpol, 2-ports antenna ,Hor : 33 deg, Gain 15 dBi



Electrical Specifications

Port	Port 1-2		
Frequency range (MHz)	1710-1880	1850-1990	1920-2170
Gain (dB)	14 ± 0.8	14.5 ± 0.8	15 ± 0.8
Polarization	± 45°		
Impedance(Ω)	50		
Horizontal Beam width(Avg.)	34°± 6	33°± 6	32°± 6
Vertical Beam width(Avg.)	34°± 6	33°± 6	32°± 6
Front-to-back ratio (dB)	≥ 25		
Electrical tilt	Fixed 0°		
Isolation, between ports(dB)	≥ 30		
VSWR	< 1.5		
PIM @ 2x43 dBm	< -150 dBc		
Max Power / Port(W)	200		

Mechanical Specifications

Input	2 x 7/16 DIN Female
Connector position	Bottom
Dimensions, HxWxD (mm)	320x280x80
Weight, without Mounting Kit (Kg)	2.5
Radome Material and Color	UPVC , Gray
Mounting hardware (mm)	Φ35~Φ75
Max Wind Speed (km/h)	200
Operational Temperature (°C)	-40 to +60
Operational Humidity (%)	5 ~ 95

Radiation Patterns

