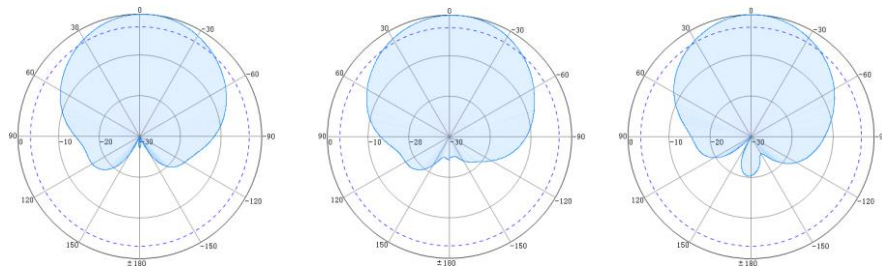




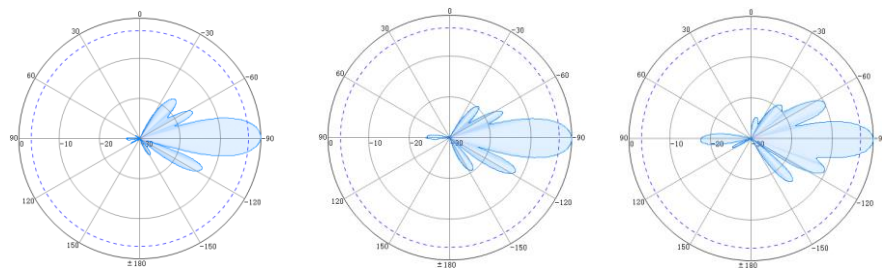
Model Number	
N Female	DB-896-960V-13-75-NV2
4.3-10 Female	DB-896-960V-13-75-MV2
7-16 Female	DB-896-960V-13-75-DV2
Electrical Specifications	
Frequency Range, MHz	896-960
Gain, dBi	13
VSWR	≤1.5
Polarization	Vertical
Front to Back Ratio, dB	≥20
PIM, 3rd Order, 2x20W, dBc	≤-150
Horizontal Beamwidth	75°
Vertical Beamwidth	15°
Input Impedance, Ω	50
Max. Input Power, W	200
Lightning Protection	DC Ground
Mechanical Specifications	
Connector	N Female / 4.3-10 Female / 7-16 Female
Dimensions, mm	1200x286x132
Weight	Approx. TBD
Reflector Material	Aluminum
Radome Material	UV-PVC
Wind Load @150km/h, N	Frontal: 225.39; Lateral: 289.89; Rearside: 507.31
Operating Temperature, °C	-40 to +65
Mast Diameter, mm	50-80 / BKT DNJZ52001

Radiation Patterns

Horizontal



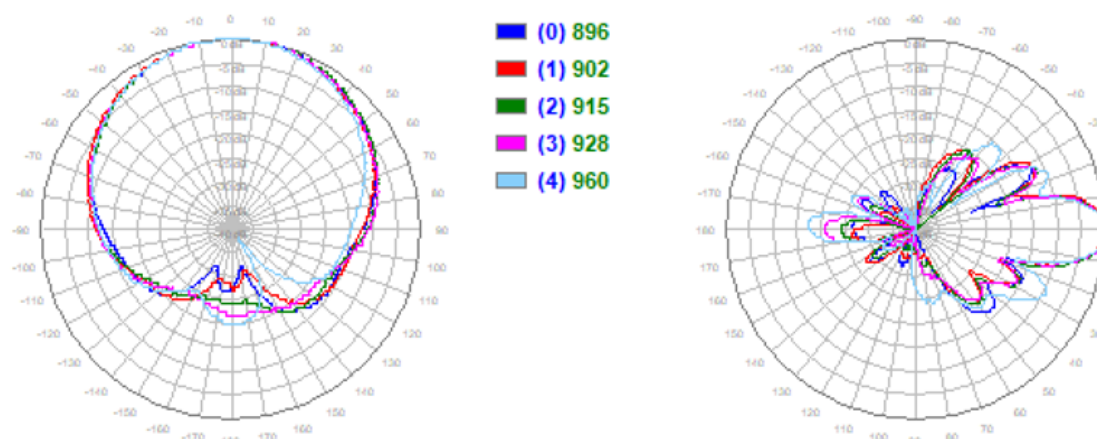
Vertical



896MHz

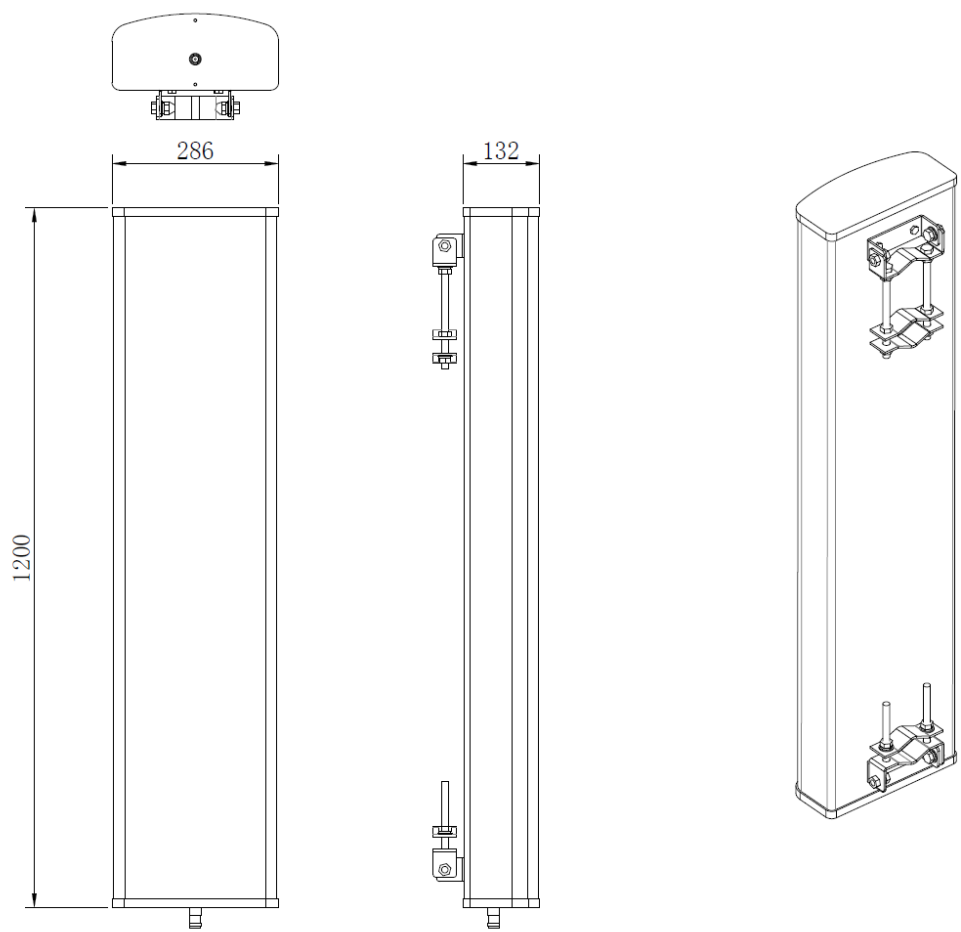
915MHz

960MHz



ID	Frequency. MHz	Gain. dBi	Horz. Width	Vert. Width
0	896	13.0	75.7	15.97
1	902	12.9	76.26	16.16
2	915	12.9	77.95	16.3
3	928	13.1	74.85	15.58
4	960	13.0	70.53	14.4

Mechanical Drawing



Installation Illustration

