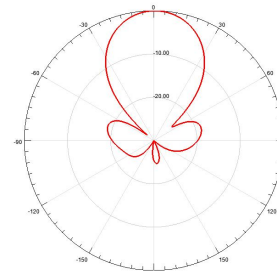


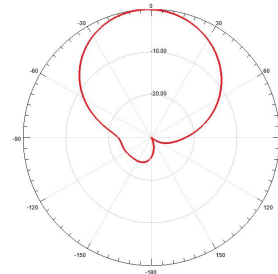
## High-rise 900/1800-D dual-band 3-port vertical wide angle antenna

### Electrical Specifications

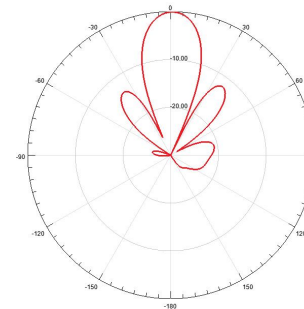
Product Name	High-rise 900/1800-D dual-band 3-port vertical wide angle antenna
Model	885 ~ 960,1710 ~ 1830,1885 ~ 1915,2010 ~ 2025,2320 ~ 2370,2515 ~ 2675
Frequency (MHz)	3
Number of Port	≥9.5,≥11,≥12,≥12,≥12,≥12
Gain (dBi)	0°
Number of Beam	[15,40],[15,40],[15,40],[15,40],[10,40],[10,40]
Horizontal Beam Pointing(°)	/,≥8,≥8,≥8,≥8,≥8
Horizontal 3dB Beam width (°)	≥54°
Horizontal 10dB Beam width (°)	/,≥8,≥8,≥8,≥8,≥8
VSWR	≤1.5
Isolation(dB)	≥25
Power Rating (W)	≥50
Front to Back Ratio (dB)	≥20
Polarization (°)	V,±45,±45,±45,±45,±45
Intermodulation IM3 (dBm, 2×37dBm)	≤-100,≤-100,/,/,/,/
Second-order reflection intermodulationdBm (2×37dBm)	≤-100,/,/,/,/
Input Impedance (Ω)	50Ω



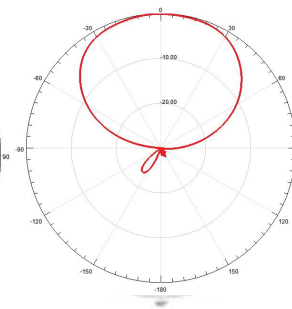
H-plane



V-plane



H-plane



V-plane

### Patterns

### Mechanical Specifications

Antenna Dimension (mm)	430×425×145
Packaging Dimension (mm)	520×465×185
Net Weight (Kg)	3.5
Connector	3*N-Female
Rated Wind Velocity (m/s)	PP
Operating Temperature (°C)	55
Operating Humidity	-40~+55



Schematic diagram of antenna