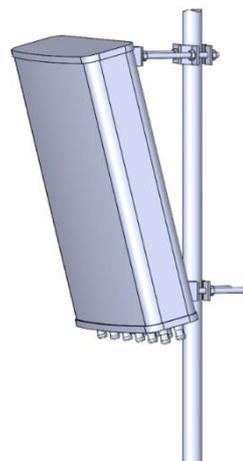
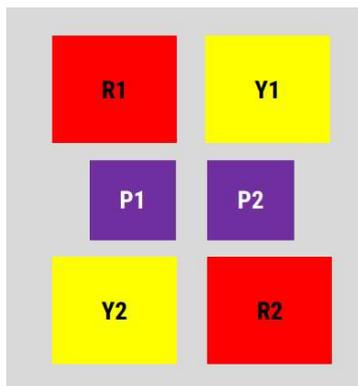


80012078

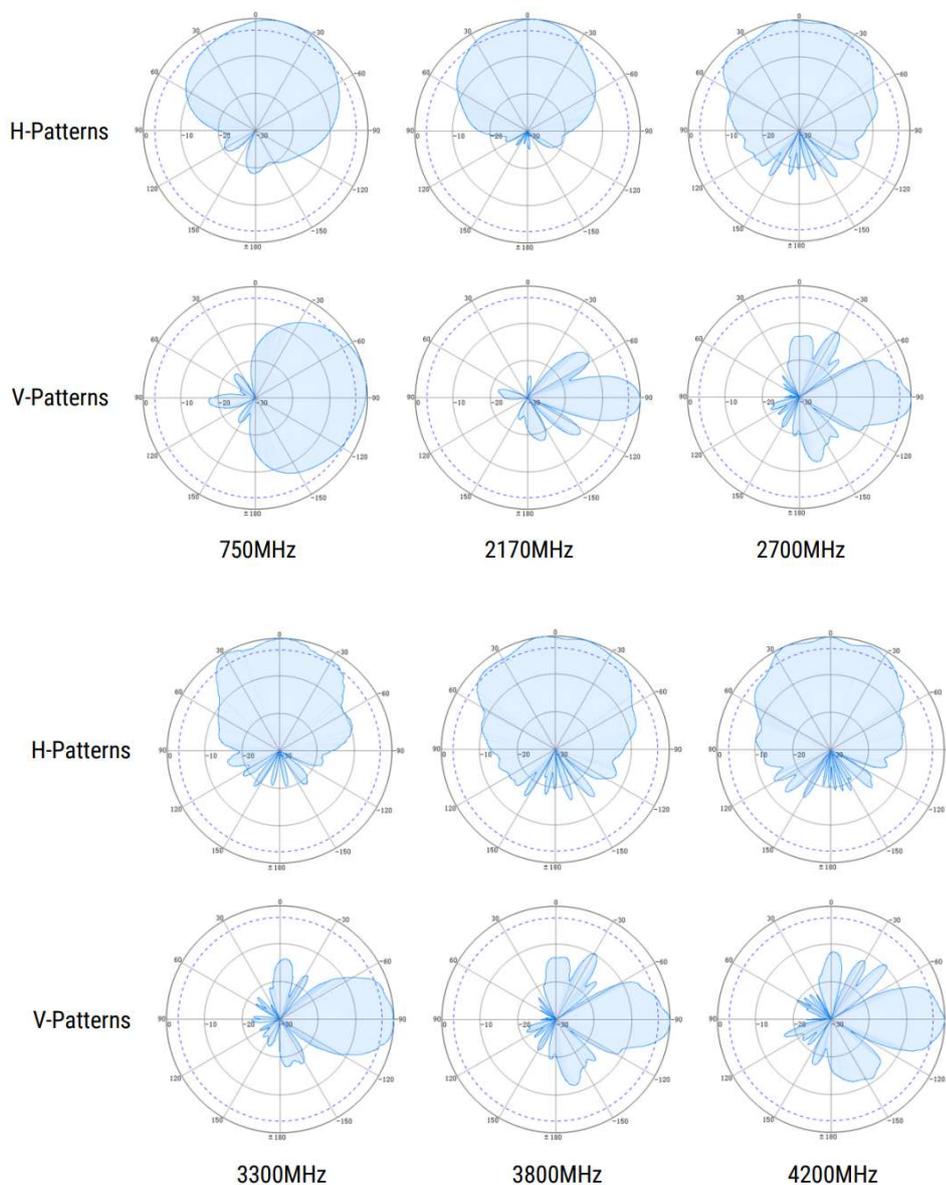
Directional antenna
698-960/1695-2690/3300-4200

Directional Antenna
 XXXXXX-Pol 12-port
 8/13/11dBi

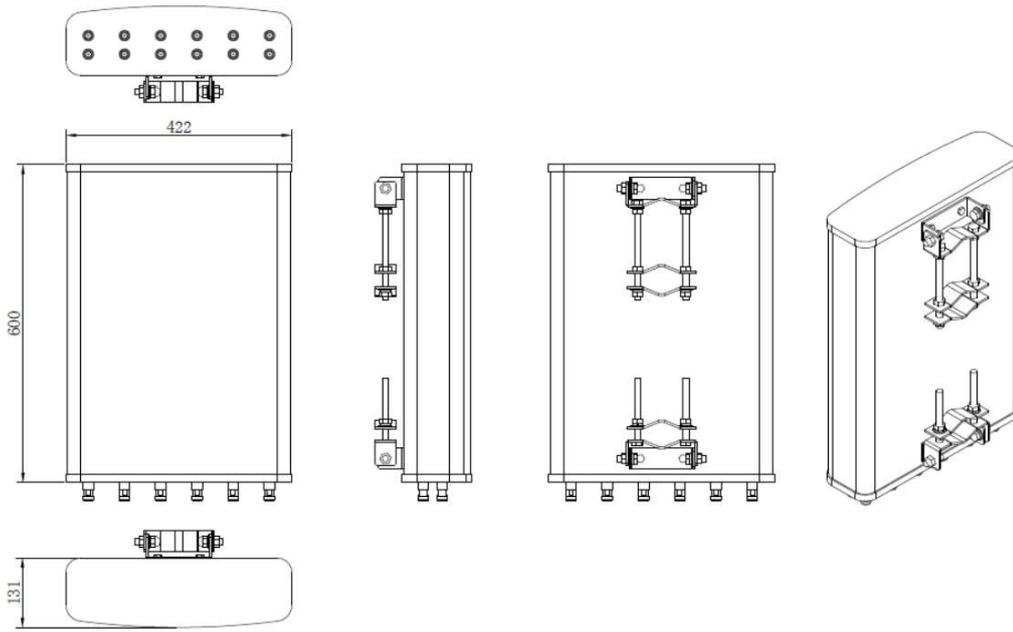
| Type | 80012078 | | | |
|-----------------------------------|--|-----------------------|------------------|------------------|
| Band | R1/R2 | Y1/Y2 | P1/P2 | |
| Frequency | 698-960 | 1695-2690 | 3300-4000 | 4000-4200 |
| Gain (dBi) | 8 | 13 | 10.8 | 10.5 |
| VSWR | ≤ 1.5 | ≤ 1.5 | ≤ 1.5 | ≤ 1.8 |
| Polarization | ±45° | ±45° | ±45° | |
| Intra-Cluster Isolation (dB) | ≥ 20 | ≥ 22 | ≥ 20 | |
| Front to back ratio(dB) | ≥ 16.6 | ≥ 25.5 | ≥ 18.4 | ≥ 16.7 |
| Horizontal beamwidth ^o | 77 | 62 | 66 | 75 |
| Vertical beamwidth ^o | 63 | 21 | 30 | 26 |
| PIM3 (dBc, @2x43dBm) | ≤ -150 | ≤ -150 | NA | |
| Electrical downtilt ^o | 0 | | | |
| Input Impedance (ohm) | 50 | | | |
| Max. Input Power (W) | 150 | | | |
| Lightning Protection | DC Grounded | | | |
| Connector | 4 x 4.3-10 F | 4 x 4.3-10 F | 4 x 4.3-10 F | |
| Dimension (mm) | 600 x 422 x 131 | | | |
| Weight (kgs) | Approx. 8.1(antenna) | Approx. 1.8 (bracket) | | |
| Max wind velocity | 200Km/h | | | |
| Wind load (N, @150Km/h) | Frontal: 328.15 Lateral: 112.18 Rearside: 382.84 | | | |
| Radome Material | UV-PVC / Gray, RAL 7035 | | | |
| Reflector Material | Aluminium | | | |
| Operating Temperature (°C) | -40 to +65 | | | |
| Suitable pole diameter(mm) | φ35-70 | | | |
| Mounting kit | Adjustable D/T Clamp (Medium Duty) for Pole Size Ø50-Ø80 included. | | | |



Typical Radiation Patterns



Mechanical Dimensions



Installation Illustration

