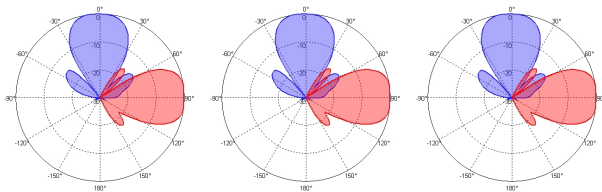


XXXXPol 1710~2690MHz×2/4800~5000MHz×2 18°/18° 17/17dBi 0°/0° Fixed Electrical Downtilt Antenna

| Electrical Specifications                                     |           |           |           |           |           |
|---|-----------|-----------|-----------|-----------|-----------|
| Frequency range(MHz)  | 1710~1850 | 1880~2025 | 2300~2400 | 2500~2690 | 4800~5000 |
| Polarization  | ±45°      |           |           |           |           |
| Gain (dBi)  | ≥15       | ≥15       | ≥17       | ≥17       | ≥16       |
| Horizontal 3dB beamwidth (°)                                  | 28±2      | 26±2      | 20±2      | 20±2      | 20±2      |
| Vertical 3dB beamwidth (°)                                    | 28±2      | 26±2      | 20±2      | 20±2      | 20±2      |
| Front-to-back ratio (dB)                                      | ≥25       | ≥25       | ≥25       | ≥25       | ≥25       |
| Cross-polar ratio (dB)  | ≥15       | ≥15       | ≥15       | ≥15       | ≥15       |
| Electrical downtilt (°)                                       | 0         |           |           |           |           |
| Sidelobe suppression (dB)<br>(First sidelobe above main beam) | ≥17       | ≥17       | ≥16       | ≥16       | ≥17       |
| VSWR  | ≤1.5      |           |           |           |           |
| Isolation: intra-system (dB)                                  | ≥25       |           |           |           |           |
| Intermodulation IM3<br>(2×43dBm carrier)                      | ≤-150dBc  |           |           |           |           |
| Impedance (Ω)   | 50        |           |           |           |           |
| Max. power per input (W) @50°C                                | 100       |           |           |           |           |
| Lightning protection  | Dc Ground |           |           |           |           |

| Mechanical Specifications    |                               |
|------------------------------|-------------------------------|
| Connector                    | 8×N-Female                    |
| Connector position           | Bottom                        |
| Height×width×depth (mm)      | 800×398×105                   |
| Packing size (mm)            | 1140×475×181                  |
| Antenna weight (kg)          | 10.22                         |
| Installation kit weight (kg) | 5.07                          |
| Packing weight (kg)          | 17.15                         |
| Max. wind velocity (km/h)    | 216                           |
| Radome material              | UPVC                          |
| Radome color                 | Gray                          |
| Mechanical tilt (°)          | vertical: ±45,Horizontal: ±45 |
| Operating temperature (°C)   | -40~60                        |
| Mounting hardware (mm)       | Φ50~Φ115                      |



1710-2200MHz

2200-2690MHz

4800-5000MHz

