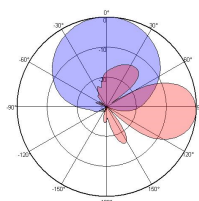


**XXXPol 1710~2690MHz/3300~3800MHz×2 65°/65° 13/12.5dBi 3°/3° Fixed Electrical Downtilt Antenna**
**Electrical Specifications**

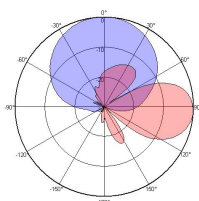
| Frequency range(MHz)                     | 1710~2690 |           |           |           | 3300~3800×2 |           |
|------------------------------------------|-----------|-----------|-----------|-----------|-------------|-----------|
|                                          | 1710~1920 | 1920~2200 | 2200~2500 | 2500~2690 | 3300~3600   | 3600~3800 |
| Polarization                             | ±45°      |           |           |           |             |           |
| Gain (dBi)                               | 12±0.4    | 12.4±0.4  | 12.6±0.5  | 13±0.5    | 12.1±0.5    | 12.5±0.5  |
| Horizontal 3dB beamwidth (°)             | 67±4      | 65±5      | 63±5      | 60±5      | 67±5        | 63±4      |
| Vertical 3dB beamwidth (°)               | 26±3      | 21±2      | 19±2      | 18±2      | 22.8±3      | 21.5±2    |
| Front-to-back ratio (dB)                 | >24       | >25       | >24       | >25       | >24         | >25       |
| Cross-polar ratio (dB)                   | >15(0°)   | >15(0°)   | >15(0°)   | >15(0°)   | >15(0°)     | >15(0°)   |
| Electrical downtilt (°)                  | 3         |           |           |           | 3           |           |
| VSWR                                     | ≤1.5      |           |           |           | <1.5        |           |
| Isolation: intra-system (dB)             | ≥25       |           |           |           | ≥25         |           |
| Intermodulation IM3<br>(2×43dBm carrier) | ≤150dBc   |           |           |           | ≤-150 dBc   |           |
| Impedance (Ω)                            | 50        |           |           |           | 50          |           |
| Max. power per input (W) @50℃            | 200       |           |           |           | 150         |           |
| Lightning protection                     | Dc Ground |           |           |           |             |           |

**Mechanical Specifications**

|                              |                 |
|------------------------------|-----------------|
| Connector                    | 6×4.3-10 Female |
| Connector position           | Bottom          |
| Height×width×depth (mm)      | 450×220×100     |
| Packing size (mm)            | 675×320×170     |
| Antenna weight (kg)          | 3.07            |
| Installation kit weight (kg) | 1.5             |
| Packing weight (kg)          | 6               |
| Max. wind velocity (km/h)    | 216             |
| Radome material              | ASA             |
| Radome color                 | Gray            |
| Mechanical tilt (°)          | 0~15            |
| Operating temperature (°C)   | -40~60          |
| Mounting hardware (mm)       | Φ50~Φ115        |



1710~2690MHz



3300~3800MHz

