

**XXXXXPoI 1710~2690MHz×2/3300~3800MHz×2 65°/65° 12.3/12.5dBi 0°/0° Fixed Electrical Downtilt Antenna,with Combiner Integrated**

| <b>Electrical specifications</b>         |           |           |           |           |           |           |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| Frequency Range(MHz)                     | 1710~2690 |           |           |           | 3300~3800 |           |
|  | 1710~1920 | 1920~2200 | 2200~2500 | 2500~2690 | 3300~3600 | 3600~3800 |
| Polarization                             | ±45°      |           |           |           |           |           |
| Gain (dBi)                               | 10.5±0.5  | 11±0.5    | 11.8±0.5  | 12±0.5    | 11.8±0.5  | 12.5±0.5  |
| Horizontal 3dB beamwidth (°)             | 67±5      | 65±5      | 63±5      | 60±5      | 66±4      | 63±4      |
| Vertical 3dB beamwidth (°)               | 38±3      | 36±3      | 32±3      | 30±3      | 25±3      | 20±3      |
| 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 (°)                  | 0         |           |           |           | 0         |           |
| 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°C           | 200       |           |           |           | 150       |           |
| Lightning protection                     | Dc Ground |           |           |           |           |           |

| <b>Mechanical specifications</b>                      |                 |
|---|-----------------|
| Connector   | 4×4.3-10 Female |
| Connector position                                    | Bottom          |
| Height×width×depth (mm)                               | 345×320×80      |
| Packing size (mm)                                     | 565×405×170     |
| Antenna weight (kg)                                   | 4               |
| Installation kit weight (kg)                          | 1.5             |
| Packing weight (kg)                                   | 7               |
| Wind load (N, at 150km/h)<br>Frontal/Lateral/Rearside | 115/19/129      |
| Max. wind velocity (km/h)                             | 216             |
| Radome material                                       | Fiberglass      |
| Radome color  | Gray            |
| Mechanical tilt (°)                                   | 0~15            |
| Operating temperature (°C)                            | -40~60          |
| Mounting hardware (mm)                                | Φ50~Φ115        |

