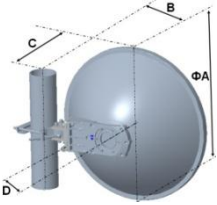


SLA0617S3S18C20

17, 18 GHz, 0.6m

RACOM RAY unit direct mounting



| Electrical Specifications | | | | | |
|---|--|-----------|----------|----------|----------|
| Frequency (GHz) | 17.1~19.7 | | | | |
| Polarization | Single(V or H) | | | | |
| Gain , Low(dBi) | 38.4 | | | | |
| Gain, Mid(dBi) | 39 | | | | |
| Gain, Top(dBi) | 39.6 | | | | |
| Beam Width | 1.8° | | | | |
| Cross-pol. Discrimination_XPD (dB) | 30 | | | | |
| F/B Ratio (dB) | 67 | | | | |
| VSWR / RL (dB) | 1.3/17.7 | | | | |
| Regulatory Compliance | ETSI EN 302217 Range 2 Class 3 US FCC Part 101.115 B2 | | | | |
| Mechanical Specifications | | | | | |
| Diameter (m) | 0.6 | | | | |
| Antenna Color | RAL7035 | | | | |
| Radome Options | Foam | | | | |
| Interface Type | Circular waveguide Dia 11mm | | | | |
| Side Struts, Included | 0 | | | | |
| Azimuth Adjustment | Coarse : 360 ° Fine : ±15 ° | | | | |
| Elevation Adjustment | Fine : ±15 ° | | | | |
| Diameter of Mounting Pole (mm) | Φ114 | | | | |
| Wind Velocity Survival Rating (km/h) | 252 | | | | |
| Wind Velocity Operational (km/h) | 200 | | | | |
| Ice-load (mm) | 25.4 | | | | |
| Operational Temperature (°C) | -45~+60 | | | | |
| Packaging | Carton(trapezoid) | | | | |
| Net weight(Kg) | 8.1 | | | | |
| L×W×H (mm) | 741*714*388 | | | | |
| Wind Load Specifications | | | | | |
| Axial Force (N) @ survival wind speed | 1325 | | | | |
| Side Force (N) @ survival wind speed | 654 | | | | |
| Twisting Moment (N•m) @ survival wind speed | 421 | | | | |
|  | Dimensions | ΦA | B | C | D |
| | (mm) | 667 | 318 | 245 | 180 |
| Note: 1. The values of B and C are measured at the pole diameter of 114mm 2. The thickness of the radome is not included in the dimensions of A and C | | | | | |