

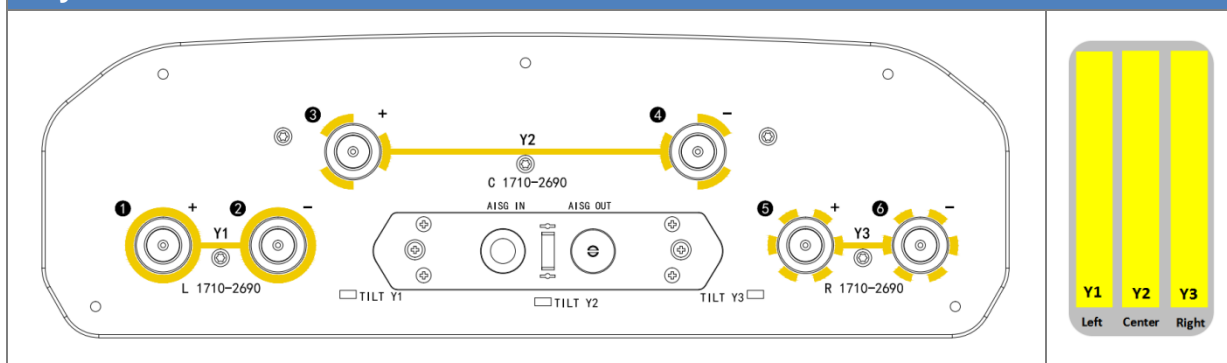
XXX Pole 3x (1710-2690)MHz 65°HBW 18dBi 0°~10°/0°~10°/0°~10°T
Integrated RET ,(AISG2.0/3GPP)
6 x 4.3-10 Female Connectors/3H/1.47m

| Electrical Specifications(BASTA12.0) | | | | | |
|--|----------------|-------------------------|-----------|-----------|-----------|
| Frequency Range(MHz) | | 3x(1710-2690)(Y1,Y2,Y3) | | | |
| Frequency Sub-Range(MHz) | | 1710-1880 | 1920-2200 | 2300-2490 | 2490-2690 |
| Polarization(°) | | ±45 | | | |
| Electrical Downtilt(°) | | 0-10 | | | |
| Gain (dBi) | Mid tilt | 17.1 | 17.6 | 17.9 | 18.1 |
| | Over all tilts | 17.0±0.6 | 17.5±0.5 | 17.8±0.5 | 18.0±0.6 |
| First upper Side Lobe Suppression (dB) | | >15 | >15 | >17 | >17 |
| Azimuth Beamwidth 3dB(°) | | 68±6 | 65±6 | 60±5 | 59±5 |
| Elevation Beamwidth 3dB(°) | | 6.3±0.5 | 5.7±0.5 | 5.2±0.4 | 4.8±0.3 |
| Cross-Polar Ratio @0°(dB) | | >20 | >20 | >18 | >18 |
| Cross-Polar Ratio @±60° (dB) | | >10 | >10 | >9 | >9 |
| Front to Back Ratio, 180°±30° (dB) | | >24 | >24 | >25 | >25 |
| | | | | | |
| VSWR | | < 1.5 | | | |
| 3rd PIM@2 x 43 dBm(dBc) | | <-153 | | | |
| Isolation: intra-system (dB) | | >26 | | | |
| Isolation: inter-system (dB) | | >27 | | | |
| Max. power per port(W) | | 300 | | | |
| Impedance (Ω) | | 50 | | | |
| Lightning Protection | | DC Ground | | | |

| Mechanical Specifications(BASTA12.0) | |
|--|--------------------------------------|
| RET type | Integrated RET (AISG2.0/3GPP) |
| AISG Connectors (1 input and 1 output) | (in: Male; out: Female) |
| Connector | 6x4.3-10 female , Bottom |
| Antenna Dimensions (H x W x D) (mm) | 1470x379x115 |
| Packing Size (H x W x D) (mm) | 1730x470x205 |
| Antenna weight (kg) | 15 |
| Clamps weight (kg) | 4.1 |
| Packing weight(kg) | 22 |
| Diameter of installation pole | φ50 ~φ115mm |
| Radome material | Fiberglass |
| Radome color | Light Grey |
| Mechanical Tilt Range (°) | 0~10 |
| Operational temperature (°C) | -40 to +70 |
| Wind load @150km/h (N) | 513/156/685(Frontal/Lateral/Maximum) |
| Max. operational wind speed (km/h) | 241 |

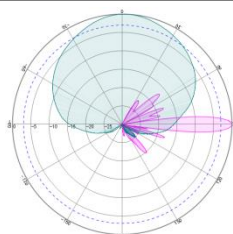


Layout



| Frequency Range | Array | Connector | Sub Unit | RET Type |
|-----------------|-------|-----------|----------|----------|
| 1710-2690MHz | Y1 | 1-2 | 1# | MRET |
| 1710-2690MHz | Y2 | 3-4 | 2# | MRET |
| 1710-2690MHz | Y3 | 5-6 | 3# | MRET |

Pattern



1710-2690MHz

Accessories

| Item | Model | Weight (kg) | Mechanical Tilt Range (°) |
|--------------|-------|-------------|---------------------------|
| Mounting Kit | MB41 | 4.1 | 0-10 |