



### **Electrical specification**

Operational frequency :

C-Band : 3.7-4.2GHZ

Ku-Band : 10.75-12.95GHZ

Center frequency gain :

C-Band : 39.7dB

Ku-Band : 48.8 dB

3dB beam width :

C-Band : 1.7°

Ku-Band : 0.6°

First side lobe : -20dB

Cross-Polarization : >30dB on Axis

Voltage standing wave ratio(VSWR) : <1.3:1

Noise temperature (30 ° elevation) :

C-Band : 30 °K

Ku-Band : 26 °K

Feed interface :

C-Band : CPR229

Ku-Band : WR75

### **Mechanical specification**

Reflector material:

8 Segment Glass Fiber Reinforced Polyester SMC

Antenna Optics :

Prime Focus

Feed installation type :

Single arm supporting/three pole supporting

Elevation adjustment range :

0°-90° continuous fine adjustment

Azimuth adjustment range :

0°-360° continuous adjustment

Transportation specification:

220kg

**Environmental adaptability**

Wind load :

Normal operation : 22mps

Survival : 40mps

Adaptive temperature :

Normal operation : -40° ~ 60°

Maintenance : -45° ~ 70°

Atmospheric conditions :

It is applied to damp, saltier and polluted climatic environment

