

1.2M PORTABLE OFFSET-FEED ANTENNA (Glass fiber)



Features:

- The antenna is shaped and assembled by two pieces of fiber glass panels,with
- characteristics of large rigidity,light weight,high precision of profile.
- Stable and portable tripod structure to meet the needs of a variety of terrain.
- Fast and convenient assembly within 3 minutes,ensure timely communication link.
- Extended Ku-band coverage to meet the need of different region.
- Designed for suitcase and packsack,easily and transport.

TECHNICAL SPECIFICATIONS FOR 1.2M PORTABLE OFFSET-FEED ANTENNA

| Specifications | Ku-receive | Ku-transmit |
|------------------------------|------------|-------------|
| | 1.2M | 1.2M |
| Frequency(GHz) | 10.7-12.75 | 13.75-14.5 |
| Typical Gain(dB) | 41.8 | 42.8 |
| VSWR | 1.5:1 | 1.3:1 |
| Beam width: -3dB | 1.4° | 1.2° |
| Power Handling Capability | | 1KW/Port |
| Feed Insertion | WR-75 | |
| Feed Insertion Loss(dB) | 0.25dB | 0.25dB |
| Tx-Rx Isolation | 80dB | |
| Cross Polarization Isolation | ≥30dB | |
| Side Lobes | CCIR.508-4 | |

MECHANICAL SPECIFICATIONS

| | |
|--------------------------|---------------------------|
| Weight | 29kg |
| material | Glass Fiber |
| Mounting time | Ten minutes (Two Persons) |
| Drive mode | Manual Drive |
| Azimuth Travel | -15°~15°Fine adjust |
| Elevation travel | 7°~85° |
| Polarization Travel Rate | ±90° |
| Surface Accuracy (R.M.S) | 0.4mm |
| Ambient Temperature | -50°~+80° |
| Relative Humidity | 0%~100% |

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