

Satcom & Antenna Technologies Division



Overview

The CPI Satcom & Antenna Technologies Inc. (CPI SAT) lightweight 1.2-meter Quick Deploy antennas are designed for worldwide transmit and receive operation in C, X, Ku and Ka-band. These portable antennas consist of Precision Compression Molded reflectors and a compact aluminum pedestal. This results in a durable antenna with superior stiffness and high performance under wind loading conditions.

The unique shape and the accurate reflector surface provide good sidelobe and cross-polarization performance. The antenna system is a Series 1138 and the reflector consists of a two-segment SMC compression molded assembly. Repeatability is maintained with precision registration of the reflector segments and the feed support structure.

The 1.2-meter antenna, including the feed, is packaged in three portable cases.

FEATURES

- Precision compression molded offset reflector
- C, X, Ku and Ka-Band RxTx feed
- Durable and rugged construction for ease of shipping and handling
- Easy-to-assemble, no tools required
- Heavy gauge pre-galvanized steel pedestal
- Compact galvanized steel pedestal
- Transport cases included
- Two-person assembly in less than 5 minutes
- Captive hardware/fasteners
- No tools required
- Quick adjust positioner

OPTIONS

- Paint/finishes
- Case upgrades
- Multiple feeds -- C, X, Ku and Ka-band

BENEFITS:

- Economical satellite tracking

APPLICATIONS:

- Operator interface point for the system