

TACTICAL ANTENNAS



RAPIDLY DEPLOYABLE SATELLITE COMMUNICATIONS **ANYWHERE, ANYTIME**

CPI Satcom & Antenna Technologies Inc. (CPI SAT) is the World's Leading End-to-End Provider of ground-based satellite communications products and high-precision scientific and satellite terminals and services. Our Tactical Antenna product family includes: Flyaway, Quick Deploy and Mobile Antenna Terminals. These terminals are available in both motorized and manual options, as well as a variety of reflector sizes and configurations. They are lightweight, compact, rugged, easy-to-use and setup anytime, anywhere.

FLYAWAY ANTENNAS

KEY BENEFITS:

- Manual and motorized options with upgradeable features such as motor kits and RF packages
- Lightweight, compact and easy-to-deploy
- Rugged for use in harsh outdoor environments
- Wide range of sizes and configurations to fit any application
- Provides a high bandwidth connection capable of high speed data transmission
- Ideal for first responders, news gathering, disaster recovery, command & control and wireless backhaul



ManPak®T
C060FA
& C060FM

ManPak®T
C100FA
& C100FM

C125FA
& C125FM

C140FA
& C140FM

C180FA
& C180FM

C240FA
& C240FM

Applications	Land Mobile	Land Mobile	Land Mobile	Land Mobile	Land Mobile	Land Mobile
Positioning	Automated or Manual	Automated or Manual	Automated or Manual	Automated or Manual	Automated or Manual	Automated or Manual
Aperture Size	0.6m	1m	1.25m	1.4m	1.8m	2.4m
Weight (including Cases (Lbs))	63 lbs FA / 41 lbs FM (92, 2 cases)/(60, 1 case)	72 lbs FA / 50 lbs FM (106, 2 cases)/(71, 1 case)	143 lbs FA / 121 lbs FM (378, 4 cases)/(355, 4 cases)	148 lbs FA / 126 lbs FM (383, 4 cases)/(361, 4 cases)	369 lbs FA / 299 lbs FM (759, 5 cases)/(708, 5 cases)	447 lbs FA / 377 lbs FM (920, 7 cases)/(839, 7 cases)
Frequency Bands	X, Ku, Ka	X, Ku, Ka	X, Ku, Ka	X, Ku, Ka	C, X, Ku, Ka	C, X, Ku, Ka
Frequency - Receive (GHz)	X: 7.25 - 7.75 Ku: 10.95 - 12.75 Ka: 19.20 - 21.20	X: 7.25 - 7.75 Ku: 10.70 - 12.75 Ka: 19.20 - 21.20	X: 7.25 - 7.75 Ku: 10.70 - 12.75 Ka: 19.20 - 21.20	X: 7.25 - 7.75 Ku: 10.70 - 12.75 Ka: 19.20 - 21.20	C: 3.40 - 4.20 X: 7.25 - 7.75 Ku: 10.70 - 12.75 Ka: 19.20 - 21.20	C: 3.40 - 4.20 X: 7.25 - 7.75 Ku: 10.70 - 12.75 Ka: 19.20 - 21.20
Frequency - Transmit (GHz)	X: 7.90 - 8.40 Ku: 13.75 - 14.50 Ka: 29.00 - 31.00	X: 7.90 - 8.40 Ku: 13.75 - 14.50 Ka: 29.00 - 31.00	X: 7.90 - 8.40 Ku: 13.75 - 14.50 Ka: 29.00 - 31.00	X: 7.90 - 8.40 Ku: 13.75 - 14.50 Ka: 29.00 - 31.00	C: 5.85 - 6.73 X: 7.90 - 8.40 Ku: 13.75 - 14.50 Ka: 29.00 - 31.00	C: 5.85 - 6.73 X: 7.90 - 8.40 Ku: 13.75 - 14.50 Ka: 29.00 - 31.00

MOBILE ANTENNAS

KEY BENEFITS:

- Easy-to-deploy
- Low maintenance
- Integrated controller with tracking options available
- RF integrations available
- Low stow profile with high performance
- Rugged for use in harsh outdoor environments
- Low stow profile with high performance
- Available in a variety of reflector sizes
- Ideal for first responders, news gathering, disaster recovery, command & control and wireless backhaul



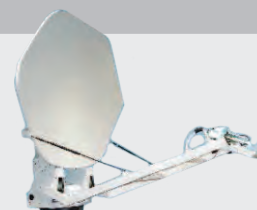
C125M



C140M



C180M



C240M

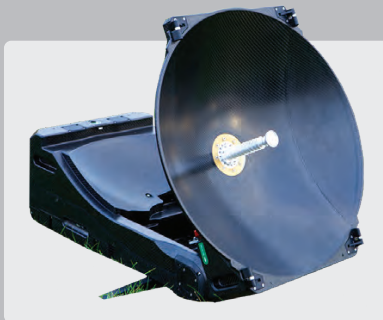
	C125M	C140M	C180M	C240M
Applications	Land Mobile	Land Mobile	Land Mobile	Land Mobile
Positioning	Automated	Automated	Automated	Automated
Aperture Size	1.25m	1.4m	1.8m	2.4m
Weight	140 lbs	145 lbs	260 lbs	560 lbs
Frequency Bands	X, Ku, Ka	X, Ku, Ka	C, X, Ku, Ka	C, X, Ku, Ka
Frequency - Receive (GHz)	X: 7.25 - 7.75 Ku: 10.70 - 12.75 Ka: 19.20 - 21.20	X: 7.25 - 7.75 Ku: 10.70 - 12.75 Ka: 19.20 - 21.20	C: 3.40 - 4.20 X: 7.25 - 7.75 Ku: 10.70 - 12.75 Ka: 19.20 - 21.20	C: 3.40 - 4.20 X: 7.25 - 7.75 Ku: 10.70 - 12.75 Ka: 19.20 - 21.20
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QUICK DEPLOY ANTENNAS

KEY BENEFITS:

- Manual and motorized options
- Lightweight and compact for easy transportation
- Easy-to-use and deploy
- Rugged for use in harsh outdoor environments
- BUC, LNB and Modem agnostic to fit any application
- Ideal for first responders, news gathering, disaster recovery, command & control and wireless backhails



**uPak®
C060QDM**



**uPak®
C060QDA**

Applications	Land Mobile	Land Mobile
Positioning	Manual	Automated
Aperture Size	0.6m	0.6m
Weight	33 lbs	51 lbs
Frequency Bands	X, Ku, Ka	X, Ku, Ka
Frequency - Receive (GHz)	X: 7.25 - 7.75 Ku: 10.95 - 12.75 Ka: 19.20 - 21.20	X: 7.25 - 7.75 Ku: 10.95 - 12.75 Ka: 19.20 - 21.20
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SATCOM & ANTENNA TECHNOLOGIES DIVISION

SUPPORT SERVICES

Innovative Technical Solutions Consulting

To advance solutions to your mission objectives and challenges, our chief technical officer and product line engineers have decades of experience and stand ready to support discussions.

Long-Term Spare Equipment and Product Support

At your request, we will analyze your needs and recommend minimum levels of spare parts or Line Replaceable Units (LRUs) to optimize your spare parts investment and mitigate the risk of unplanned shortages.

Configuration Management (CM) Services

Depending on your contract requirements, we can quote custom CM services whereby a unique part number will be assigned to your deliverable equipment item. Placing an item under CM control gives you the right to review and approve any and all changes to the product design.

Product Loaner Services

We understand special situations arise when a loaned product can make all the difference to your business. Whether it is an emergency need for redundant equipment to mitigate risk of network downtime, a customer demonstration opportunity, or the need to test equipment through a third party, we always strive to find ways to meet your mission critical needs.

Equipment Repair Services & Warranty Repairs

Our standard warranty covers defects in material and workmanship for a period of one year from the date of shipment. If any defect arises during the warranty period, we will repair or replace the equipment and return it to the designated destination. We warrant all repaired or replaced equipment for ninety (90) calendar days after shipment or the remaining warranty term, whichever is longer.

Extended Warranties

We will quote extended warranty coverage upon request to meet your needs.

Out-of-Warranty Repairs

We quote all out-of-warranty repairs after an inspection of your equipment.

Prototyping, Engineering, and Test Range Services

At your request, we can support your requirements to design and manufacture prototypes using agile processes to accelerate delivery of a customized product. Our RF engineers will evaluate your custom feed requirements, including use of customer-furnished equipment, and develop solutions to optimize your antenna system's performance. Our test range facilities include state of the art equipment and are staffed with experienced technicians to assure delivery of proven end-to-end solutions.

Reset Services

We offer two types of reset service contracts:

- (a) Refurbishments to original configuration,
- (b) Upgrades to latest configuration.

All reset services are offered with a one (1) year warranty.

Buyback Program

For customers interested in compensation for legacy antenna equipment, we have a Buyback Program in the form of credits to be applied to future purchases of new antennas.

Field Services and Training

Depending on your mission requirements, we can provide an experienced engineer, technician or field supervisor to assure smooth installation, integration and/or site acceptance tests for your communication assets. We also offer factory and field training services and operations and maintenance (O&M) manuals.



Contact us at CustomerCareSAT@cpii.com or call us at +1 770-689-2040

The data should be used for basic information only.

Formal, controlled specifications may be obtained from CPI for use in equipment design.



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