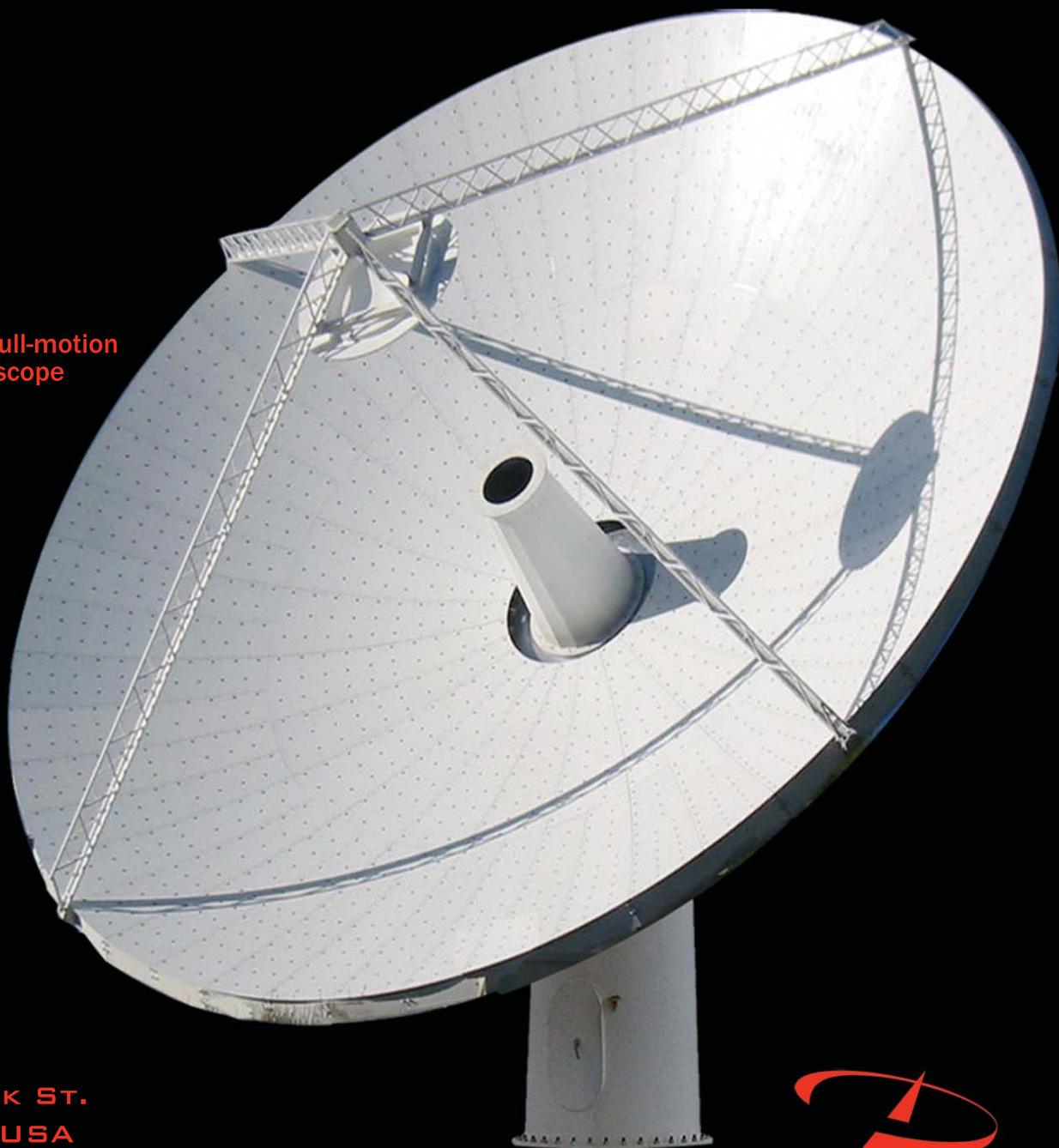


Patriot Antenna Systems

Patriot's 12 Meter Full-motion
Ka-Band Radio Telescope



704 N. CLARK ST.
ALBION, MI. USA
1.517.629.5990 • INFO@SEPATRIOT.COM
WWW.SEPATRIOT.COM





Patriot's Quality Policy Statement

Patriot Antenna Systems is committed to meeting our customer's requirements, improving product quality, and increasing customer satisfaction. We will accomplish these objectives by on-time delivery of quality products and exceeding customer expectations.

Patriot Antenna Systems manufactures a complete line of commercial antenna systems. Sizes range from 60 cm to 12 meters. DBS/DTH configurations, Receive-only applications for broadcast, CATV, and education, and transmit/receive VSAT antennas. We are proud to offer an ever growing line of Ka, Ku, X, and C-Band transmit/receive antennas and feeds, as well as MVSAT units and Flyaway transportables. Our VSATs have been awarded numerous type-approvals by Intelsat, Eutelsat, Europe*Star and more. Patriot is your one-stop source for all satellite equipment. We are the largest stocking distributor of Cal-Amp products, and carry all the top brands of C and Ku-Band transmitter (BUC) equipment. Patriot will supply everything for your turnkey system.

Company Profile

Patriot is a manufacturer and distributor of satellite equipment world wide. Established in 1994, our company is based in Albion, Michigan, which is located 75 miles west of Detroit and 150 miles east of Chicago. This location is in the midst of the largest industrial manufacturing area in the country. Our location allows us to produce and ship our commercial antenna systems rapidly and efficiently throughout the globe. Patriot is also your one stop source for equipment and accessories including receivers, fiber optics, and automated control software. We are the master distributor for California Amplifier products in the U.S. Patriot Antenna Systems is ISO 9001:2000 certified, a member of the National Association of Broadcasters, and a member of the Global VSAT Forum.

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Patriot Antenna Systems

704 North Clark St.
Albion, MI 49224

Phone (517) 629-5990
Fax (517) 629-6690

1.0m Back-Pack Flyaway Systems

Manual Adjustment

Option 1



Basic Features

- Preassembled Tripod Base Mount with Pull Pins
- Under 65.0 lbs.
- Patented 6-Piece Dual Skin Metal Reflector
- Durable Nylon Backpack Case
- Ka and Ku Bands
- Sturdy Boom Accommodates Various BUCs

Unique Features

- 10 Minute Setup
- Fine-tune Elevation adjustment

• Airline Checkable



Dual Axis Motorized with Auto Locate Controller

Option 2

(Coming Soon)



Includes Basic Features of Option 1

Unique Features

- Motorized Az/EI Mount for Jog Control
- Actuator Control
- Limited Motion Mount
- 2 or 3 Axis Motorization
- Manual Jog or Tracking motions Available
- Easy 10 minute Setup with Control Cable
- RCI-3050 Controller
- Motorized Feed Assembly for Polarization Adjustment

• Airline Checkable

Manual Adjustment

Option 1



.76m Flyaway

Basic Features

- Lightweight Reflector
- Manual Peaking
- Patented Dual Skin Metal Reflector
- Ka and Ku Bands
- Motorized Feed for Polarization Adjustments
- Palletized Full Motion Mount

Unique Features

- RCI-3050 Controller
- Jog Controller and Position Reference Locator

Dual Axis Motorized with Auto Locate Controller

Option 2



1.2m Flyaway

- Includes Basic Features of Option 1

Unique Features

- Auto Locate
- Manual Peaking
- GPS and Fluxgate Compass
- Auto Satellite Location
- 50 Preset Satellite Locations
- One Touch Tx/Rx Capabilities
- RCI-3000A Controller

Auto Locate with Auto Commission Controller

Option 3



1.2m Flyaway

Feed Options



- Includes Features of Option 2

Unique Features

- Auto Commission
- Auto Peaking Using Pulse Sensors
- Includes DVB Receiver
- Automatically Locates Satellite without Manually Adjusting

1.8 Meter Flyaway Systems

C, Ka, Ku, & X-Band Options

Manual Adjustment

Option 1



Basic Features

- 2-Piece Lightweight Reflector
- Manual Peaking
- Patented One Piece Dual Skin Metal Reflector
- C, X, Ka and Ku Bands
- Motorized Feed for Polarization Adjustments
- Palletized Full Motion Mount

Unique Features

- RCI-3050 Controller
- Jog Controller and Position Reference Locator

Dual Axis Motorized with Auto Locate Controller

Option 2



- Includes Basic Features of Option 1

Unique Features

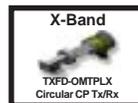
- Auto Locate
- Manual Peaking
- GPS and Fluxgate Compass
- Auto Satellite Location
- 50 Preset Satellite Locations
- RCI-3000A Controller

Auto Locate

with Auto Commission Controller

Option 3

Feed Options:



- Includes Features of Option 2

Unique Features

- Auto Commission
- Auto Peaking Using Pulse Sensors
- Includes DVB Receiver
- Automatically Locates Satellite without Manually Adjusting

2.4 Meter Flyaway Systems

C, Ka, Ku, & X-Band Options

2.4 Meter Flyaway Systems

Manual Adjustment

Option 1



Basic Features

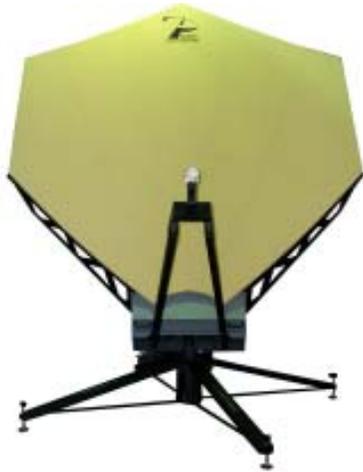
- Lightweight Reflector
- Manual Peaking
- Patented One Piece Dual Skin Metal Reflector
- C, X, Ka and Ku Bands
- Motorized Feed for Polarization Adjustments
- Palletized Full Motion Mount

Unique Features

- RCI-3050 Controller
- Jog Controller and Position Reference Locator

Dual Axis Motorized with Auto Locate Controller

Option 2



- Includes Basic Features of Option 1

Unique Features

- Auto Locate
- Manual Peaking
- GPS and Fluxgate Compass
- Auto Satellite Location
- 50 Preset Satellite Locations
- RCI-3000A Controller

Auto Locate with Auto Commission Controller

Option 3



Feed Options:



- Includes Features of Option 2

Unique Features

- Auto Commission
- Auto Peaking Using Pulse Sensors
- Includes DVB Receiver
- Automatically Locates Satellite without Manually Adjusting

1.0m / 1.2m / 1.8m Mobile VSAT Systems

Manual Adjustment

Option 1



Basic Features

- Single Piece Lightweight Reflector
- Auto Deploy and Stow
- Patented Dual Skin Design
- Ka and Ku Bands
- Motorized Feed for Polarization Adjustments
- Palletized Full Motion Mount

Unique Features

- RCI-3050 Controller
- Jog Controller and Position Reference Locator

Dual Axis Motorized with Auto Locate Controller

Option 2



- Includes Basic Features of Option 1

Unique Features

- Auto Locate
- Manual Peaking
- GPS and Fluxgate Compass
- Auto Satellite Locating
- 50 Preset Satellite Locations
- RCI-3000A Controller

Auto Locate with Auto Commission Controller

Option 3



- Includes Features of Option 2

Unique Features

- Auto Commission
- Auto Peaking Using Pulse Sensors
- Includes DVB Receiver
- Automatically Locates Satellite without Manually Adjusting
- GPS
- Motorized Feed Option

1.0 m Auto-Acquire / Auto-Deploy Mobile VSAT System



1.0 m Auto-Acquire / Auto-Deploy
Mobile VSAT System



TXFLY-100KUAUTO



Features

- Portable Earth Terminal
- Easy Installation and Operation
- Antenna Auto Set-up and Stowing
- Auto-positioning
- Graphic User Interface
- Fast Set-up : less 10 minutes
- Motorized Alignment on Azimuth, Elevation, and Polarization

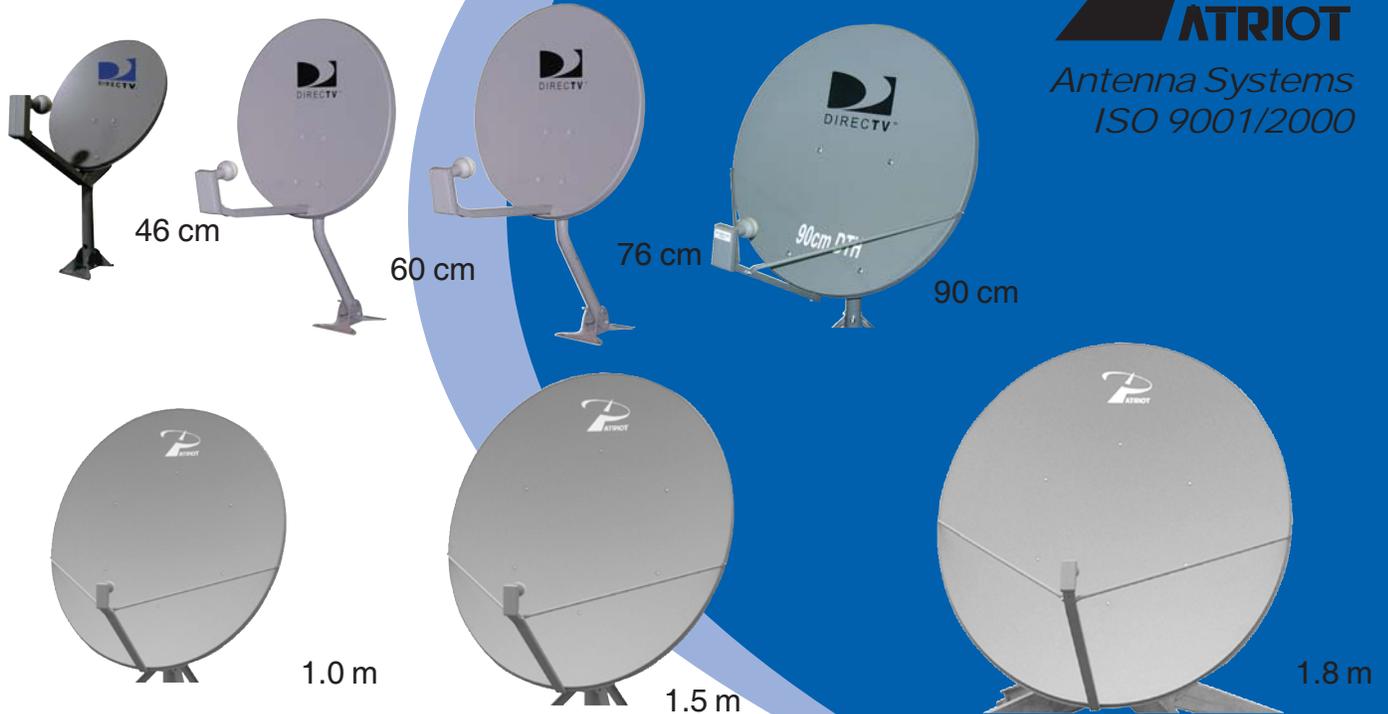
Description

The TXFLY-100KUAUTO utilizes a 2 piece, dual skinned reflector with a rugged boom assembly that can easily support various BUC mounting configurations up to 25 Watts. By design, a single person can completely assemble the system in less than five minutes.

The unique outrigger design allows for operating the unit flat on the ground or easily adjusting the outriggers for stable operation in rough terrain. Fine outrigger adjustments can be made but typically are not required as Patriot's leading edge control system can adjust for up to 10 degrees of error on any axis.

DBS/DTH Offset Antenna Systems

46cm, 60cm, 76cm, 90cm, 1.1m, 1.5m, 1.8m



Features

- Adjustable Feed Arm
- UPS Shippable
- Ka-Band and Ku-Band Applications
- Multiple Satellite Capable

Description

Patriot Antennas have superior surface accuracy. The DBS/DTH reflectors are precision single piece reflectors produced in high volume utilizing precision draw dies. All mounting holes are die pierced for uniform accuracy. The feed assembly is matched for either DBS or linear LNBF applications. The dish structures have been wind tunnel tested by Aeronautical Research Laboratories (ARL).

Patriot antennas have superior corrosion resistance. All reflector and mount parts are produced from dual sided galvanized steel. Reflector and mount parts are sealed and powder coated with U.V. inhibited polyester-based finishes that are baked onto the metal. Mounting hardware is treated with DACROTIZED and salt spray tested.

Patriot antennas are designed to weather the storm. All of the antenna mounts are designed to withstand wind forces in excess of 100 Mph. Patriot metal antennas will uniformly expand and contract with temperature changes.

Cassagrain Earth Station **4.8 / 6.3 / 7.5 Meter**



Cassagrain Earth Station
4.8 / 6.3 / 7.5 Meter



Features

- Motorized Kingpost w/Dual Axis, or Az/EI Motorizable Kingpost Mount
- Extra support ribs for added rigidity in wind
- Diameter = 4.8 meters to 7.5 meters
- High Wind Load Options Available
- Easy To Ship, Installation without a Crane
- Sub-Reflector Option for Ku-Band Low Cross Pol Applications
- Various Frequency and Feed Options
- Long Focal Length for Excellent Sidelobe Rejection

Description

Patriot antennas have superior surface accuracy. Patriot's antenna reflectors incorporate precision stretch formed panels into very stiff backing structures. To insure quality and performance Patriot panels are inspected for R.M.S. accuracy using the latest in laser measurement techniques.

Patriot antennas have superior corrosion resistance. All reflector and mount parts are produced from high quality materials and treated for corrosion resistance by powder coat paint, epoxy paint or hot dip galvanizing as appropriate for each component. All hardware is stainless steel or hot dip galvanized depending on size an application.

Patriot antennas are designed and built to weather the storm. All Patriot Large Aperture Antennas are capable of surviving winds up to 125 mph as standard. High Wind designs are also available for areas that experience severe winds.

Cassagrain Earth Station 9.4 - 16.4 Meter



9.4 Meter
11.1 Meter
12.0 Meter
13.2 Meter
16.4 Meter

Features

- C, Ku, Ka, and X-Band feed options
- 2-Port or 4-Port configurations
- CP/LP switchable feeds
- Circular Foundation Interface
- Full line of options to meet any requirement
- No on site panel alignments required
- Installation Teams and Supervisors Available
- Factory assembled mount reduces installation time
- High Wind and Full Motion options available
- Extended C-Band Feeds

Description

Patriot antennas have superior surface accuracy. Patriot's antenna reflectors incorporate precision stretch formed panels into very stiff backing structures. To insure quality and performance Patriot panels are inspected for R.M.S. accuracy using the latest in laser measurement techniques.

Patriot antennas have superior corrosion resistance. All reflector and mount parts are produced from high quality materials and treated for corrosion resistance by powder coat paint, epoxy paint or hot dip galvanizing as appropriate for each component. All hardware is stainless steel or hot dip galvanized depending on size an application.

Patriot antennas are designed and built to weather the storm. All Patriot Large Aperture Antennas are capable of surviving winds up to 125 mph as standard. High Wind designs are also available for areas that experience severe winds.

**Tx/Rx Elliptical Broadband
“Microterminals”
.66 / .76 / .84 Meter Long Focal**



Tx/Rx Elliptical Broadband “Microterminals”
.66 / .76 / .84 Meter Long Focal



TXFCC-084EL Long Focal

**Ka & Ku-Band
Options**



TXFCC-066EL



TXFCC-076EL

Features

- AZ/EL interface to 2” O.D. Pipe
- Dual side galvanized steel powder-coated
- Includes Two Port Linear Tx/Rx Ku-Band Feed assembly
- Backframe Pre-assembled to Reflector
- New Patent Pending Fine Tune Mount
- Single Piece Deep Drawn Metal Reflector
- Sturdy 1”x 2” Boom Fits Most Outdoor Units, Holds up to 10 lbs. at end of boom.
- Long Focal meets 30 dB Cross Polarization requirement

Description

The Patriot’s Long Focal elliptical antennas are perfect for use with higher powered satellites. They are lightweight, easy to install, and while designed to be affordable, feature a highly accurate stamped surface that delivers excellent gain and X-Pol performance.

The stamping process produces solid metal reflectors that result in superior surface accuracy and repeatability. The pre-assembled steel back structure adds strength and stability to the system and keeps the installation process simple.

The Patent Pending mount reduces pointing errors during installation, allowing more accurate boresighting on the satellite. Increased pointing accuracy leads to greater link availability. Special packaging techniques are employed for every system shipped to protect the surface of the dish.

PATRIOT ANTENNA SYSTEMS
www.sepatriot.com
ISO 9001/2000

Ka-Band Microterminals Tx/Rx Antenna Systems .66 / .75 / .84 / .90 / 1.0 / 1.2m



TXFCC-066EL



TXFCC-075EL



TXFCC-084EL



0.9 Meter



1.0 Meter



1.2 Meter

Features

- Dual side galvanized steel powder-coated
- Includes Two Port Linear Tx/Rx Ku-Band Feed assembly
- Backframe Pre-assembled to Reflector
- New Patent Pending Fine Tune Mount
- Single Piece Deep Drawn Metal Reflector
- Sturdy 1"x 2" Boom Fits Most Outdoor Units, Holds up to 10 lbs. at end of boom.

Description

Patriot's elliptical antennas are perfect for use with higher powered satellites. They are light-weight, easy to install, and while designed to be affordable, feature a highly accurate stamped surface that delivers excellent gain and X-Pol performance.

The stamping process produces solid metal reflectors that result in superior surface accuracy and repeatability. The pre-assembled steel back structure adds strength and stability to the system and keeps the installation process simple.

The Patent Pending mount reduces pointing errors during installation, allowing more accurate boresighting on the satellite. Increased pointing accuracy leads to greater link availability. Special packaging techniques are employed for every system shipped to protect the surface of the dish.

**Ku-Band
Tx/Rx Antenna Systems
98cm Long Focal
1.0m, 1.2m, 1.2m Dual-Optic**



**TXINT-100KUG
1.0 Meter VSAT**

**TXEUT-120KUG
EA-A020
1.2 Meter Dual-Optic VSAT**

98 cm Long-Focal

Features

- Navigator™ Style Fine Azimuth and Fine Elevation Adjustments
- Single Piece Deep Drawn Metal Reflector
- Sturdy 2" Square Boom Accommodates Many Outdoor Units, Holds up to 14 lbs / 6.35 kg at end of boom
- Az/EI interface to 2 7/8 or 3 in O.D. Pipe/ 7.30 or 7.62 cm
- Includes Two port Linear Tx/Rx Ku-Band Feed assembly
- Backframe Pre-assembled to Reflector

Description

The excellent surface accuracy of the main parabolic reflector is complemented by the cast accuracy of the lightweight sub reflector. The two combine to create superior system performance at Ku-Band. The pre-assembled steel back structure adds strength and stability to the system and keeps the installation process simple.

The Navigator Style fine tune Azimuth and Elevation cap reduces pointing errors during installation, allowing more accurate boresighting on the satellite. Increased pointing accuracy leads to greater link availability. Special packaging techniques are employed for every system shipped to protect the surface of the dish.

Ku-Band Tx / Rx Antenna Systems
98cm Long Focal, 1.0m, 1.2m, 1.2m Dual Optic

PATRIOT ANTENNA SYSTEMS
www.sepatriot.com
ISO 9001/2000

1.8 m VSAT Tx/Rx Antenna Systems w/ Dual-Axis Motorized Mount Options



C & Ku-Band
Options



TXINT-180KUG
IntelSat Type-Approval #IA083A00



TXEUT-180KUG

Features

- AZ/EL interface to 4 in O.D. Pipe / 10.16 cm
- Azimuth Fine Tune $\pm 15^\circ$ for Pointing Accuracy
- Dual side galvanized steel powder coated
- Single Piece Deep Draw Reflector Provides Superior Surface
- Boom Supports 50 lbs / 22.26 kg
- Includes Two port Linear Tx/RX Feed assembly

Description

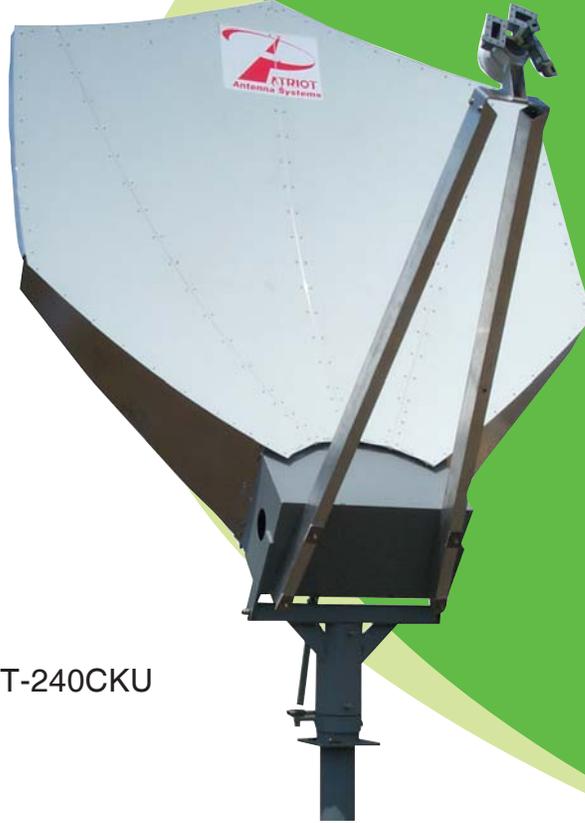
Why pay more for a transmit/receive antenna? The Patriot single and dual optics antennas are excellent for VSAT applications and hold IntelSat type-approval. With a past history of use in high quality SNG (Satellite News Gathering) applications, the 1.8 m antenna provides a level of surface accuracy, rugged stiffness, and precision not often found in similarly priced products. The stamping process that produces the solid metal reflector results in superior surface accuracy and repeatability. The steel back structure adds strength and stability to the system and keeps the installation process simple.

The Navigator Style fine tune Azimuth and Elevation cap reduces pointing errors during installation, allowing more accurate boresighting on the satellite. Increased pointing accuracy leads to greater link availability. Special packaging techniques are employed for every system shipped to protect the surface of the dish.

2.4m Offset Tx/Rx Antenna Systems w/ Dual-Axis Motorized Mount Options



TXINT-240CKU



C & Ku-Band
Options

Features

- Easy To Ship, Installation without Crane
- Extra support ribs for added rigidity in wind
- High Wind Load Options Available
- Sub-Reflector Option for Ku-Band Low Cross Pol Applications
- Various Frequency and Feed Options

Description

Solid Performer Ideal for Commercial C-Band and Ku-Band Applications

Need a more cost effective solution for a 2.4 meter transmit/receive antenna? Many customers require the extra link margin that a larger antenna like a 2.4 meter can provide, for the hub station in their VSAT networks, a video uplink, or an SCPC central station. However, affordable prices are not often found when considering the other antennas on the market. The Patriot 2.4 meter offset is the affordable, flexible choice.

Patriot's newest offset antenna is not just affordable, it's a solid performer. The stretch formed 2.4 meter antenna with kerf panels provides superior surface accuracy. This antenna allows for easy installation without the need for a crane or a lifting device.

3.8 m FCC Compliant Offset Tx/Rx Antenna Systems



TXINT-380

w/ 150mph
High Wind Options



Features

- Motorized Kingpost w/180° H to H, or Az/EI Motorizable Kingpost Mount
- Extra support ribs for added rigidity in wind
- High Wind Load Options Available
- Easy To Ship, Installation without Crane
- Sub-Reflector Option for Ku-Band Low Cross Pol Applications
- Various Frequency and Feed Options

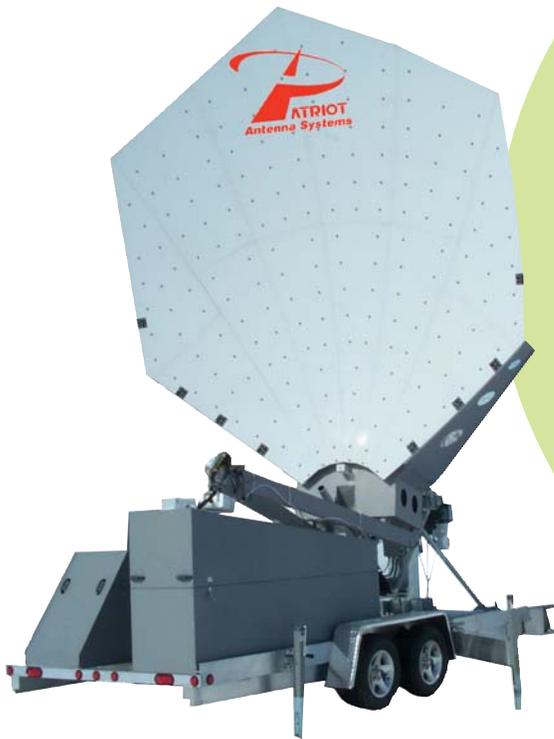
Description

Solid Performer Ideal for Commercial C-Band and Ku-Band Applications

Need a more cost effective solution for a 3.8 meter transmit/receive antenna? Many customers require the extra link margin that a larger antenna like a 3.8 meter can provide, for the hub station in their VSAT networks, a video uplink, or an SCPC central station. However, affordable prices are not often found when considering the other antennas on the market. The Patriot's 3.8 meter offsets are the affordable, flexible choice. Every Az/EI fixed Kingpost antenna is fully upgradable in the field to a Dual-Axis Motorized antenna with 180° H to H Mount.

Patriot's newest offset antenna is not just affordable, it's a solid performer. The stretch formed antennas with kerf panels provides superior surface accuracy. This antenna allows for easy installation without the need for a crane or a lifting device.

3.8 m Deployable Trailer Mount Offset Tx/Rx Antenna System



C, Ku, & X-Band
Feed Options



Features

- Easy To Transport and Deploy
- Extra support ribs for added rigidity in wind
- Quad-Band Capable
- Various Frequency and Feed Options
- F/D = 0.635, Diameter = 12.5 ft., 3.8m

Description

Need a more cost effective solution for a 3.8 meter transportable transmit/receive antenna? Many customers require the extra link margin that a larger antenna like a 3.8 meter can provide for the hub station in their VSAT networks, a video uplink, or an SCPC central station. However, affordable prices are not often found when considering the other antennas on the market. The Patriot 3.8 meter offset is the affordable, flexible choice. The fold-down mount and removable panels are easily stowed or deployed in less than 45 minutes.

Patriot's newest offset antenna is not just affordable, it's a solid performer. The stretch formed 3.8 meter antenna with kerf panels provides superior surface accuracy. This antenna allows for easy installation without the need for a crane or a lifting device.

4.8 m Motorized Deployable Antenna System

C, Ku, & X-Band
Feed Options



Features

- Cassagrain Shaped Feed System
- Extra support ribs for added rigidity in wind
- Dual Reflector for High Gain and Excellent Sidelobe Performance
- Various Frequency and Feed Options
- 1-Person Setup in 20 minutes
- Motorized Dual Axis Antenna System
- C, Ku, and X-Band
- Easy To Transport and Deploy

Description

Solid Performer Ideal for Commercial C-Band and Ku-Band Applications

Need a more cost effective solution for a 4.8 meter transportable transmit/receive antenna? Many customers require the extra link margin that a larger antenna like a 4.8 meter can provide for the hub station in their VSAT networks, a video uplink, or an SCPC central station. The fold-down reflector is easily stowed or deployed in less than 1 hour.

Patriot's newest antenna is not just affordable, it's a solid performer. The stretch formed reflector utilizes kerf panels for reliable surface accuracy. This antenna allows for easy deployment, operation, and stow with minimal effort without the need for a crane or a lifting device.

Prime Focus Antenna Systems 3.1 / 3.8 / 4.5 meter



Prime Focus Antenna Systems
3.1 / 3.8 / 4.5 Meter



**Available:
w/ 150 mph
High-wind
options**



Features

- Multi-Beam Systems Available (up to 4)
- Available in Dual Axis Motorized, King Post and Az-El Fixed Pipe Head mounts
- 125 Mph Wind Survival
- King Post Pedestal Mount for Superior Steering and Stability
- High Accuracy Antenna, Low Transportation Cost

Description

The Patriot prime focus antenna is manufactured in the United States and is the symbol of quality in the antenna industry. It features a variety of mounting options and a dual sided galvanized reflector which is powder coated for superior protection against the elements. Stainless steel hardware is also available.

The contoured petals with matched radial beams and hub assembly ensure easy installation without field alignment. This antenna is competitively priced for the broadcast and cable industry as well as the educational market. Complete turnkey systems are available.

Prime Focus Antenna Systems w/ 150 mph High-wind options 5.0 / 6.3 / 7.5 meter



5.0 / 6.3 / 7.5 Meter

Features

- No on site panel alignments required
- Installation Teams and Supervisors Available
- Factory assembled mount reduces installation time
- Dual-axis motorized antenna system or Az/EI fixed upgradeable motorized
- C, Ku, and X-Band feed options
- Circular Foundation Interface
- Full line of options to meet any requirement

Description

Patriot antennas have superior surface accuracy. Patriot's antenna reflectors incorporate precision stretch formed panels into very stiff backing structures. To insure quality and performance Patriot panels are inspected for R.M.S. accuracy using the latest in laser measurement techniques.

Patriot antennas have superior corrosion resistance. All reflector and mount parts are produced from high quality materials and treated for corrosion resistance by powder coat paint, epoxy paint or hot dip galvanizing as appropriate for each component. All hardware is stainless steel or hot dip galvanized depending on size an application.

Patriot antennas are designed and built to weather the storm. All Patriot Large Aperture Antennas are capable of surviving winds up to 125 mph as standard. High Wind designs are also available for areas that experience severe winds.

TRANSMIT / RECEIVE FEEDS			
C-Band	Ku-Band	Ka-Band	X-Band
 TXFD-OMTFLC Linear Tx/Rx	 TXFD-OMTKUL Linear Tx/Rx	 TXFD-OMTKAL Linear Tx/Rx	 TXFD-OMTPLX Circular Tx/Rx
 TXFD-OMTFPLC Circular Tx/Rx	 TXDPL-KUCOPOL LP Tx/Rx Co-pol Diplexor	 TXFD-OMTPLKAC Circular Tx/Rx	Ka/Ku-Band  Ku Elliptical Feed Assembly
 TXFD-CLMOT Linear Motorized	 TXFD-KLMOT Linear Motorized	 TXFD-KALMOT Linear Motorized	C / Ku-Band  C / Ku TxRx Feed

RECEIVE ONLY FEEDS		
C-Band	Ku-Band	Ku/Ka-Band
 PRTFD-CRO Linear Single Pol	 PRTFD-1220KU Single Pol	 PRTFD-KAKURO Linear Dual LP
 PRTFD-CRODUAL Linear Dual Pol (Available in Circular)	 PRTOMT-RODUAL Dual Pol	

Ka-Band			
 PRTFD-TRANKAL Linear Single Pol	 PRTFD-TRANPLKAC Circular Single Pol	 PRTFD-OMTKAL Linear Dual Pol	 PRTFD-OMTPLKAC Circular Dual Pol



Prime Focus Feeds



C-Band

 <p>ADL - Super Linear - Single</p>	 <p>ADL-RP3-OR100 Linear - Dual</p>	 <p>ADL-RP1-LPF200 Linear Single Pol</p>
 <p>ADL-RP1-CP300 Single Pol - Circular</p>	 <p>ADL-RP1-CPOR1 Dual Circular</p>	 <p>ADL-RP1-OR1 Dual Linear</p>

C / Ku-Band

 <p>ADL-RP3-CKU Single C and Single Ku Linear w/Servo</p>	 <p>ADL-RP3-2-2B 4-Port C/Ku C and Dual Ku Linear</p>	 <p>ADL-RP3-DBS Dual C/DBS Ku-LNBF Dual C Linear, Dual Ku Circular</p>
 <p>ADL-RP1-CKU Single C-Band w/Servo Single C and Single Ku Linear w/Servo</p>	 <p>ADL-RP3-AZOP-122 4-Port C/Ku Motorized Dual C and Dual Ku Linear</p>	

Ku-Band

 <p>PRT-PFLNBF Circular Dual Ku-Prime Focus LNBF</p>	 <p>ADL-MOT-KUDL Linear</p>	 <p>ADL-KU801 Linear Single Ku w/Servo</p>
 <p>ADL-KU850 Linear Single Ku</p>	 <p>ADL-KU901 Linear Dual Ku</p>	 <p>ADL-OP-107 Ku Band H Bend</p>

Accessories

LNB's



C-Band LNB's
DRO - PLL



Ku-Band LNB's
DRO - PLL



Ka-Band LNB's

BUC's



Ku-Band BUC's
NJRC - Patriot



C-Band BUC's

High Power BUC's (8 watt to 200 watt)



Ku-Band High Power Booster



C-Band High Power Booster

TESTING EQUIPMENT

Spectrum Analyzers



MTR-SAT2



Test Meter



Mounting Systems

PTX-TRI200



The PTX-TRI200 Universal Mount has a 2 inch O.D. pipe with side legs. The base consists of one large foot and supports a number of antennas.

CHA-WR238P



The CHA-WR238P Penetrating mount is a 2-3/8 inch O.D. pipe and is designed to support 90cm through 1.2m antennas onto existing wall structures using appropriate hardware to secure the mount position.

CHA-WR300P



The CHA-WR300P Penetrating mount is a 3" O.D. pipe, and is designed to support 90cm through 1.2m antennas onto existing wall structures using appropriate hardware to secure the mount position.

NPRM's



Patriot Non-penetrating mounts are designed to mount antennas onto existing roof structures without penetrating or altering the roof. NPR's are held in place with ballast which varies with antenna elevation and antenna size.

Pipe Stand



The standard pipe stand base plates and pipes are made of mild carbon steel. After fabrication, the pipe stands are cleaned and coated with Rust-oleum®, a high quality paint that is specially formulated to resist moisture and corrosion.

Mast Pipe



The standard pipe stand base plates and pipes are made of mild carbon steel. After fabrication, the pipe stands are cleaned and coated with Rust-oleum®, a high quality paint that is specially formulated to resist moisture and corrosion.

Ballast Trays



Patriot ballast trays are designed to spread the load over a large area of the roof so as not to exceed typical roof load criteria. Most roof mount installations exert 6x less bearing load per square-foot than a person standing on the roof.

Patriot Carries a Broad Range of RF Accessories
We are the one-stop shop for all satellite equipment needs

RF & Components



LNB'S



BUC'S



Feeds / OMT's



TI Filters



Actuators



Tools / Test Equipment



Receivers



Controllers



Fiber Optics



Splitters / Power Dividers



Cable / Connectors



Power Inserter / Line Amplifiers



Snow Covers



De-icing Systems



Feed Covers



Non-Penetrating Mounts



Wall / Universal Mounts



Pipe and Mount Options



MMDS / Wireless



Hardware



