

DUV-Indoor Model Assembly Procedure

Care should be used when handling antenna components to avoid damaging the receiving elements. Be aware of and avoid contact with any sharp edges i.e. ends of receiving elements.

WARNING!

Installation of any antenna near power lines is extremely dangerous and can be fatal. Follow the installation instructions carefully!

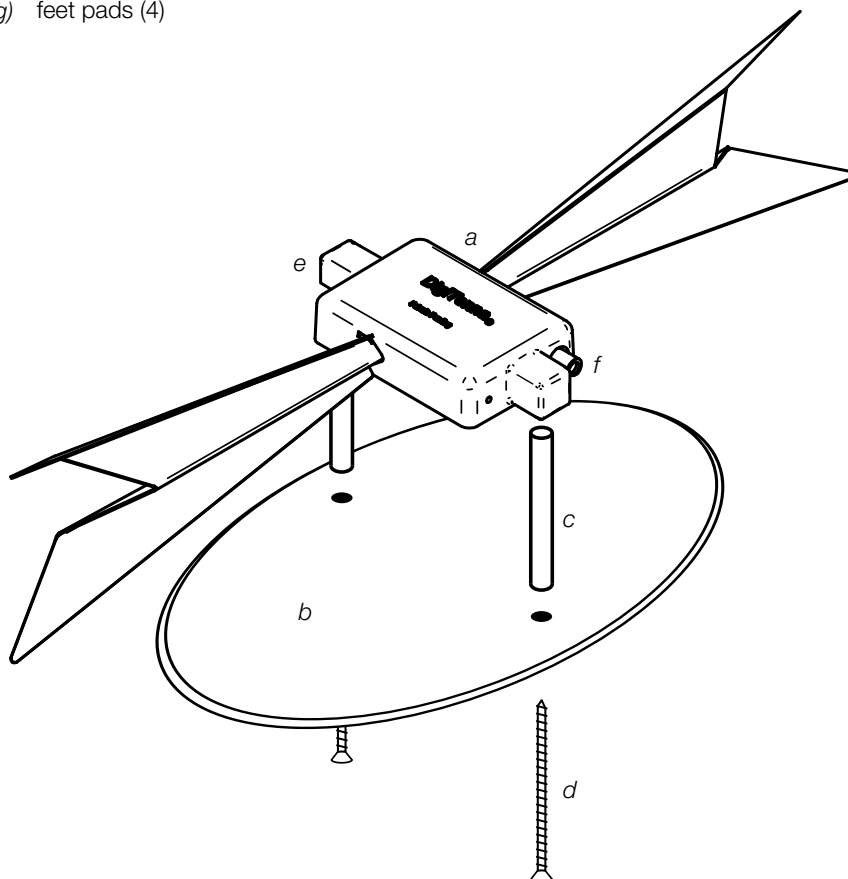
Included:

- a) DUV module
- b) base
- c) standoff tubes (2)
- d) attachment screws (2)
- e) rubber end caps (2)
- f) coaxial fitting
- g) feet pads (4)

Tools Required:

Phillips screwdriver

- 1) Remove contents from packaging. Identify included parts and hardware.
- 2) Place the **DUV module** circuit board side facing up. Take care not to bend the aluminum fins on the DUV element.
- 3) Place the **attachment screws** through the **base** so that the heads fit into the countersink side of the base.
- 4) Slide the **standoff tubes** over the attachment screws.
- 5) Turn over the base assembly with screws and standoff tubes and align the screws through the holes in the **rubber end caps**.
- 6) Turn the screws through the rubber end caps until the standoff tubes are tight against the base and end caps.
- 7) Attach the **feet pads** to the base by peeling and pasting.
- 8) Attach coaxial cable to the **coaxial fitting**.



DUV-Metro Model Assembly Procedure

Care should be used when handling antenna components to avoid damaging the receiving elements. Be aware of and avoid contact with any sharp edges i.e. ends of receiving elements.

WARNING!

Installation of any antenna near power lines is extremely dangerous and can be fatal. Follow the installation instructions carefully!

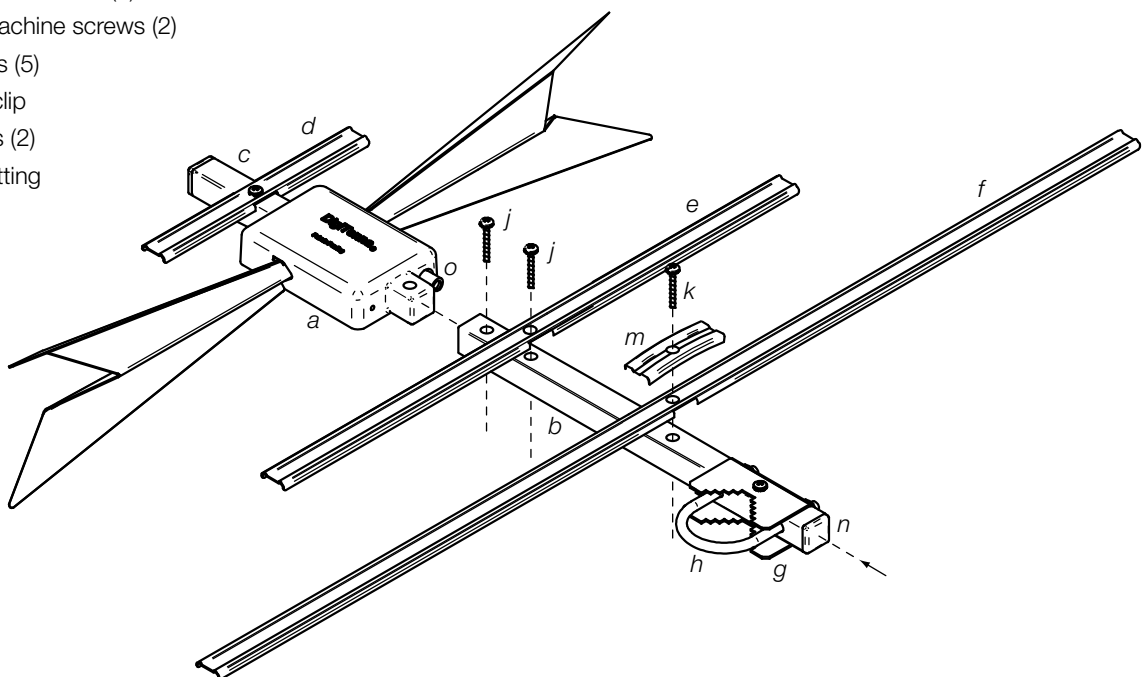
Included:

- a) DUV module
- b) 10" rear boom
- c) 2" forward boom
- d) 6 7/8" element
- e) 15" element
- f) 29" element
- g) mast clamp
- h) U-bolt
- i) U-bolt nuts (2)
- j) 1" machine screws (3)
- k) 1 1/4" machine screws (2)
- l) 8-32 nuts (5)
- m) retainer clip
- n) end caps (2)
- o) coaxial fitting

Tools Required:

- Phillips screwdriver
- Hammer

- 1) Remove contents from packaging. Identify included parts and hardware.
- 2) Place the **DUV module** circuit board side down. The Digienna logo on the module housing should be facing up.
- 3) Referring to the illustration below, orient the **10" rear boom** and hammer to the **DUV module**. The screw holes on the boom should line up with the holes on the DUV module.
- 4) Secure the **10" rear boom** onto the **DUV module** with **1" machine screw** and tighten with **8-32 nut**.
- 5) Beginning at the open screw hole closest to the module housing, align the **15" element** on top of the rear boom. Secure with **1" machine screw** and tighten with **8-32 nut**.
- 6) Align **29" element** on top of the rear boom above the last open screw hole. Align **retainer clip** on top of 29" element. **Do not secure the element without attaching the retainer clip.** Secure the rear boom, element, and retainer clip with **1 1/4" machine screw** and tighten with **8-32 nut**.
- 7) Attach coaxial cable to the **coaxial fitting**.



DUV-Suburban Model Assembly Procedure

Care should be used when handling antenna components to avoid damaging the receiving elements. Be aware of and avoid contact with any sharp edges i.e. ends of receiving elements.

WARNING!

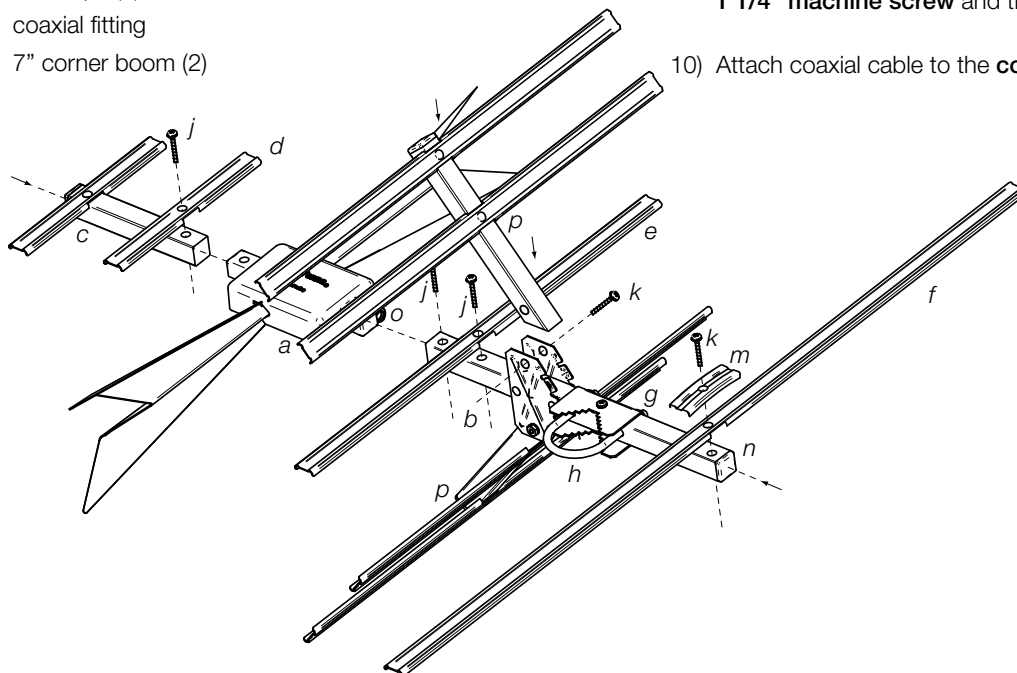
Installation of any antenna near power lines is extremely dangerous and can be fatal. Follow the installation instructions carefully!

Included:

- a) DUV module
- b) 10" rear boom
- c) 5 1/2" forward boom
- d) 6 7/8" element
- e) 15" element
- f) 29" element
- g) mast clamp
- h) U-bolt
- i) U-bolt nuts (2)
- j) 1" machine screws (3)
- k) 1 1/4" machine screws (4)
- l) 8-32 nuts (7)
- m) retainer clip
- n) end caps (2)
- o) coaxial fitting
- p) 7" corner boom (2)

Tools Required:

- Phillips screwdriver
- 7/16" wrench
- hammer
- 3/8" nut driver (preferred)



- 1) Remove contents from packaging. Identify included parts and hardware.
- 2) Place the **DUV module** circuit board side down. The DigiTenna logo on the module housing should be facing up.
- 3) With the element facing up, orient the **5 1/2" forward boom** to the side of the **DUV module** without the coaxial fitting. Hammer the boom to the DUV module until the screw holes line up with the holes on the DUV module.
- 4) Align **6 7/8" element** on top of the forward boom above the open screw hole. Secure the element and boom to the DUV module with **1" machine screw** and tighten with **8-32 nut**.
- 5) Referring to the illustration below, orient the **10" rear boom** and hammer to the **DUV module**. The screw holes on the boom should line up with the holes on the DUV module.
- 6) Secure the **10" rear boom** to the **DUV module** with **1" machine screw** and tighten with **8-32 nut**.
- 7) Beginning at the open screw hole closest to the DUV module, align the **15" element** on top of the rear boom. Secure with **1" machine screw** and tighten with **8-32 nut**.
- 8) Align the **29" element** on top of the rear boom above the last open screw hole. Align the **retainer clip** on top of 29" element. **Do not secure the element without attaching the retainer clip**. Secure the retainer clip and element to the boom with **1 1/4" machine screw** and tighten with **8-32 nut**.
- 9) Orient the **7" corner booms** to angle toward the module housing and fit them into the **pivot plates**. Secure with **1 1/4" machine screw** and tighten with **8-32 nut**.
- 10) Attach coaxial cable to the **coaxial fitting**.

DUV-Fringe Model Assembly Procedure

Care should be used when handling antenna components to avoid damaging the receiving elements. Be aware of and avoid contact with any sharp edges i.e. ends of receiving elements.

WARNING!

Installation of any antenna near power lines is extremely dangerous and can be fatal. Follow the installation instructions carefully!

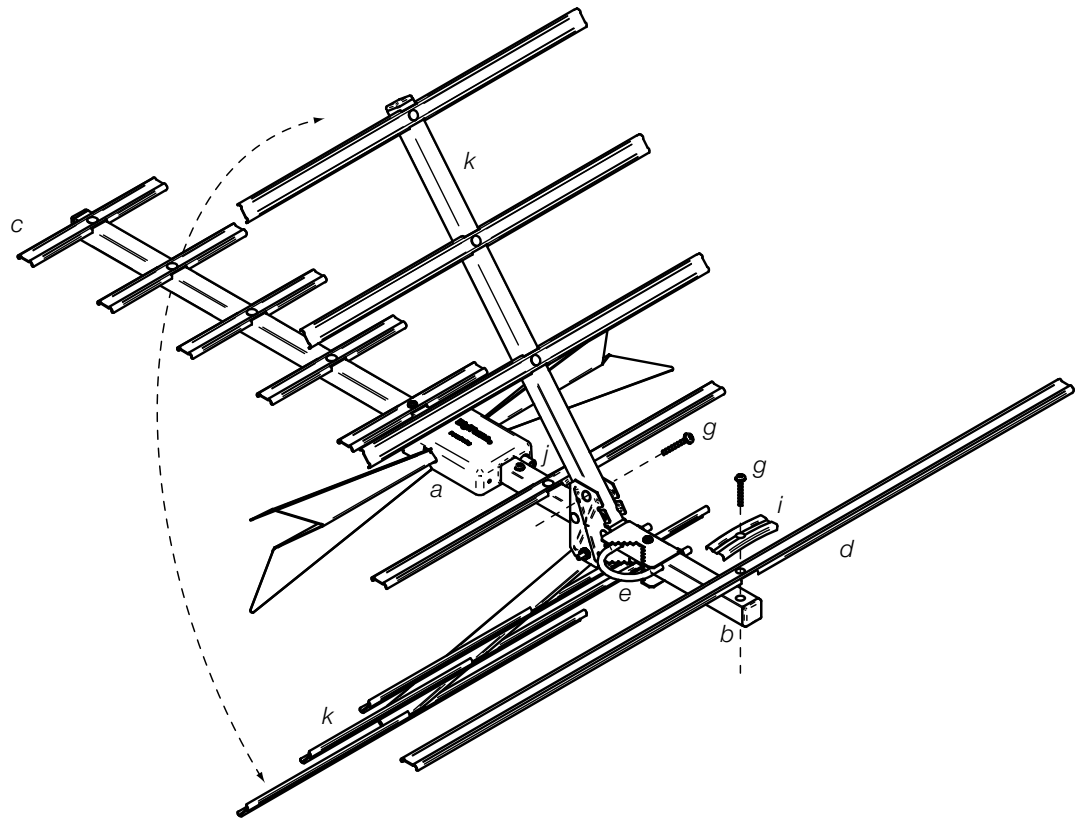
Included:

- a) DUV module
- b) rear boom
- c) forward boom
- d) 33" element
- e) U-bolt
- f) U-bolt nuts
- g) 1 1/4" machine screws
- h) 8-32 nuts
- i) retainer clip
- j) coaxial fitting
- k) corner boom (2)

Tools Required:

- Phillips screwdriver
- 7/16" wrench
- 3/8" nut driver (preferred)

- 1) Remove contents from packaging. Identify included parts and hardware. For convenience, most parts have been factory-assembled.
- 2) Extend the top and bottom **corner booms** until they click into locking position. Secure with **1 1/4" machine screw** and tighten with **8-32 nut**.
- 3) Remove **retainer clip** from the **rear boom**. Align the **33" element** on top of the rear boom above the open screw hole. Align the retainer clip on top of 33" element. **Do not secure the element without attaching the retainer clip.** Secure the retainer clip and element to the boom with **1 1/4" machine screw** and tighten with **8-32 nut**.
- 4) Loosen **U-bolt nuts** and **U-bolt** from the mast clamp. Orient the DUV module circuit board side down. The DigiTenna logo on the module housing should be facing up. Direct the forward boom toward the signal source and secure to mast pipe or J-pole with U-bolt and U-bolt nuts.
- 5) Attach coaxial cable to the **coaxial fitting**. Secure coaxial cable to mounting pole with electrical tape.



DUV-Deep Fringe Model Assembly Procedure

Care should be used when handling antenna components to avoid damaging the receiving elements. Be aware of and avoid contact with any sharp edges i.e. ends of receiving elements.

WARNING!

Installation of any antenna near power lines is extremely dangerous and can be fatal. Follow the installation instructions carefully!

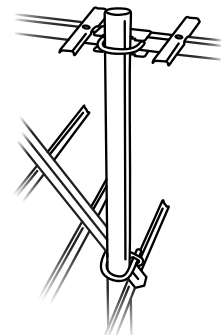
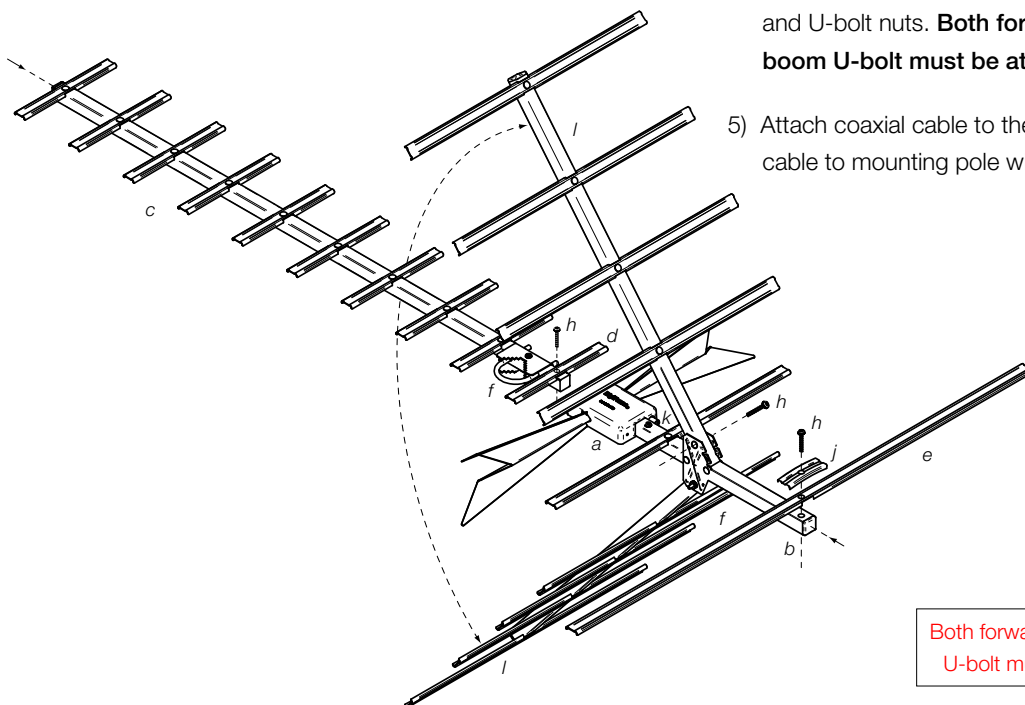
Included:

- a) DUV module
- b) rear boom
- c) forward boom
- d) 6 7/8" element
- e) 33" element
- f) U-bolt
- g) U-bolt nuts
- h) 1 1/4" machine screws
- i) 8-32 nuts
- j) retainer clip
- k) coaxial fitting
- l) corner boom (2)

Tools Required:

- Phillips screwdriver
- 7/16" wrench
- hammer
- 3/8" nut driver (preferred)

- 1) Remove contents from packaging. Identify included parts and hardware. For convenience, most parts have been factory-assembled.
- 2) Extend the top and bottom **corner booms** until they click into locking position. Secure with **1 1/4" machine screw** and tighten with **8-32 nut**. Place the **DUV module** circuit board side down. The DigiTenna logo on the module housing should be facing up.
- 3) Remove **6 7/8" element** from the **DUV module**. With the elements facing up, hammer the **forward boom** to the DUV module until the screw holes line up with the holes on the DUV module.
- 4) Align **6 7/8" element** on top of the forward boom above the open screw hole. Secure the element and boom to the DUV module with **1" machine screw** and tighten with **8-32 nut**.
- 5) Remove **retainer clip** from the **rear boom**. Align the **33" element** on top of the rear boom above the open screw hole. Align the retainer clip on top of 33" element. **Do not secure the element without attaching the retainer clip**. Secure the retainer clip and element to the boom with **1 1/4" machine screw** and tighten with **8-32 nut**.
- 6) Loosen **U-bolt nuts** and **U-bolt** from the mast clamp. Orient the DUV module circuit board side down. The DigiTenna logo on the module housing should be facing up. Direct the forward boom toward the signal source and secure to mast pipe with U-bolt and U-bolt nuts.
- 7) Loosen **U-bolt nuts** and **U-bolt** from the corner boom. Secure the corner boom U-bolt to the mast pipe with U-bolt and U-bolt nuts. **Both forward boom U-bolt and corner boom U-bolt must be attached to the mast pipe.**
- 5) Attach coaxial cable to the **coaxial fitting**. Secure coaxial cable to mounting pole with electrical tape.



Both forward boom U-bolt and corner boom U-bolt must be attached to the mast pipe.

DUV-Extreme Fringe Model Assembly Procedure

Care should be used when handling antenna components to avoid damaging the receiving elements. Be aware of and avoid contact with any sharp edges i.e. ends of receiving elements.

WARNING!

Installation of any antenna near power lines is extremely dangerous and can be fatal. Follow the installation instructions carefully!

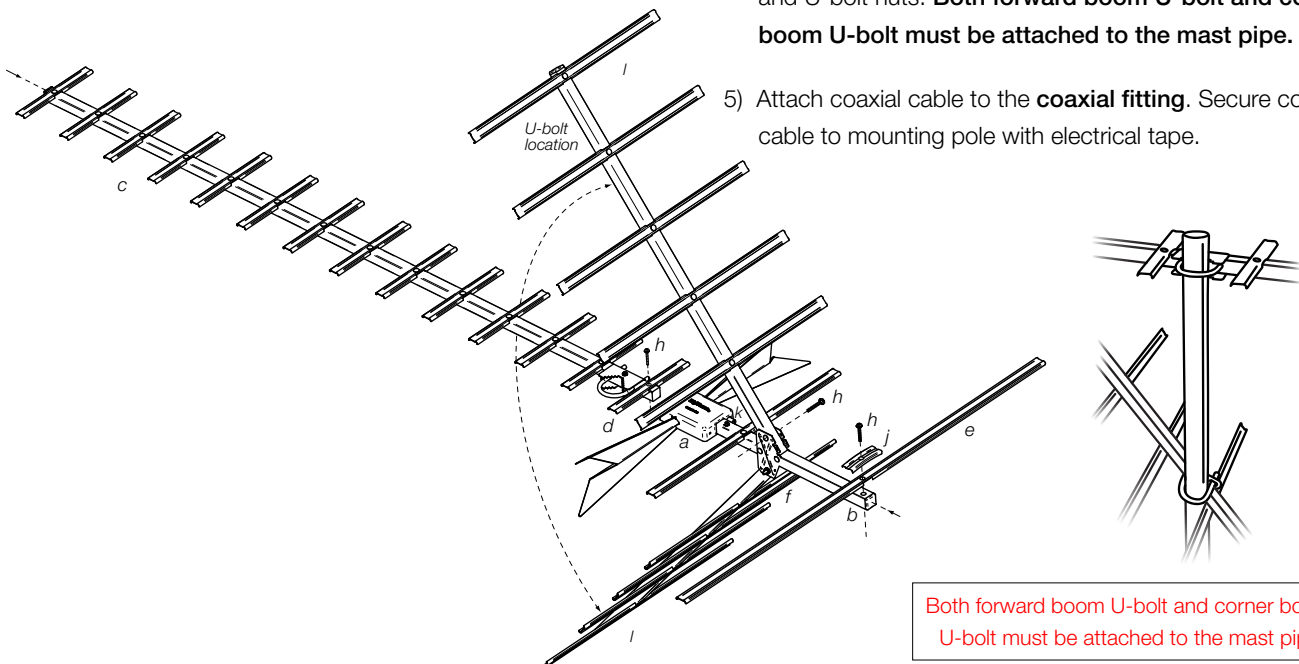
Included:

- a) DUV module
- b) rear boom
- c) forward boom
- d) 6 7/8" element
- e) 33" element
- f) U-bolt
- g) U-bolt nuts
- h) 1 1/4" machine screws
- i) 8-32 nuts
- j) retainer clip
- k) coaxial fitting
- l) corner boom (2)

Tools Required:

- Phillips screwdriver
- 7/16" wrench
- hammer
- 3/8" nut driver (preferred)

- 1) Remove contents from packaging. Identify included parts and hardware. For convenience, most parts have been factory-assembled.
- 2) Extend the top and bottom **corner booms** until they click into locking position. Secure with **1 1/4" machine screw** and tighten with **8-32 nut**. Place the **DUV module** circuit board side down. The DigiTenna logo on the module housing should be facing up.
- 3) Remove **6 7/8" element** from the **DUV module**. With the elements facing up, hammer the **forward boom** to the DUV module until the holes line up with the holes on the module.
- 4) Align **6 7/8" element** on top of the forward boom above the open screw hole. Secure the element and boom to the DUV module with **1" machine screw** and tighten with **8-32 nut**.
- 5) Remove **retainer clip** from the **rear boom**. Align the **33" element** on top of the rear boom above the open screw hole. Align the retainer clip on top of 33" element. **Do not secure the element without attaching the retainer clip**. Secure the retainer clip and element to the boom with **1 1/4" machine screw** and tighten with **8-32 nut**.
- 6) Loosen **U-bolt nuts** and **U-bolt** from the mast clamp. Orient the DUV module circuit board side down. The DigiTenna logo on the module housing should be facing up. Direct the forward boom toward the signal source and secure to mast pipe with the U-bolt and U-bolt nuts.
- 7) Loosen **U-bolt nuts** and **U-bolt** from the corner boom. Placing the U-bolt between the fourth and fifth element, secure the corner boom to the mast pipe with the U-bolt and U-bolt nuts. **Both forward boom U-bolt and corner boom U-bolt must be attached to the mast pipe.**
- 5) Attach coaxial cable to the **coaxial fitting**. Secure coaxial cable to mounting pole with electrical tape.



Both forward boom U-bolt and corner boom U-bolt must be attached to the mast pipe.