

GIZMOTCHY®

10/11 METER G21 BEAM ANTENNA

INSTRUCTIONS

Driven Elements overall length 105 inches
Reflector Elements overall length 109 inches

MOUNTING PROCEDURE

Insert (3) Driven Elements into (3) Center Elements; overall length should be 105 inches.

Place ½ inch clamp over the above assembly position and tighten.

Use elements with plastic caps on Vertical position only.

Repeat the above steps for the Reflector Element Assemblies.

The overall length should be (3) Driven Elements and (3) Center Elements 105 inches; (3) Reflector Elements and (3) Center Elements 109 inches.

Place Element Adapter Rings on Boom and position as to spacings on diagram.

Fourteen #4 x 3/8 (small) metal screws furnished should be used on Element Assemblies to secure a permanent installation.

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G21

GIZMOTCHY® 10/11 METER 2 ELEMENT

PARTS LIST

| <u>Part</u> | <u>Qty</u> | <u>OD</u> | <u>Size</u> | <u>Length</u> | <u>Description</u> | <u>Checklist</u> |
|-------------|------------|-----------|-------------|---------------|-----------------------------------|------------------|
| T257 | 1 | 1¼" | .058 | 64" | Aluminum Tubing | _____ |
| T101 | 6 | ½" | .050 | 48" | Aluminum tubing slotted both ends | _____ |
| T102 | 6 | 3/8" | .062 | 64" | Aluminum tubing | _____ |

HARDWARE BAG #1

| | | | | | | |
|------|----|--|----|------|--------------------|-------|
| GR1 | 1 | | | | 1 Hole Ring | _____ |
| GR3 | 1 | | | | 3 Hole Ring | _____ |
| C02 | 12 | | ½" | | Clamp | _____ |
| S101 | 2 | | ¼" | 5/8" | Thumbscrew | _____ |
| S102 | 12 | | #4 | 3/8" | Sheet metal screws | _____ |
| S103 | 4 | | #6 | ½" | Sheet metal screws | _____ |
| PL1 | 2 | | | | Plastic caps | _____ |

HARDWARE BAG #2

| | | | | | | |
|-----|---|--|-------|--|------------------|-------|
| U04 | 4 | | 5/16" | | 1 ¼"U bolts | _____ |
| N03 | 8 | | 5/16" | | Locknuts | _____ |
| P10 | 1 | | | | Mounting bracket | _____ |

HARDWARE BAG #3

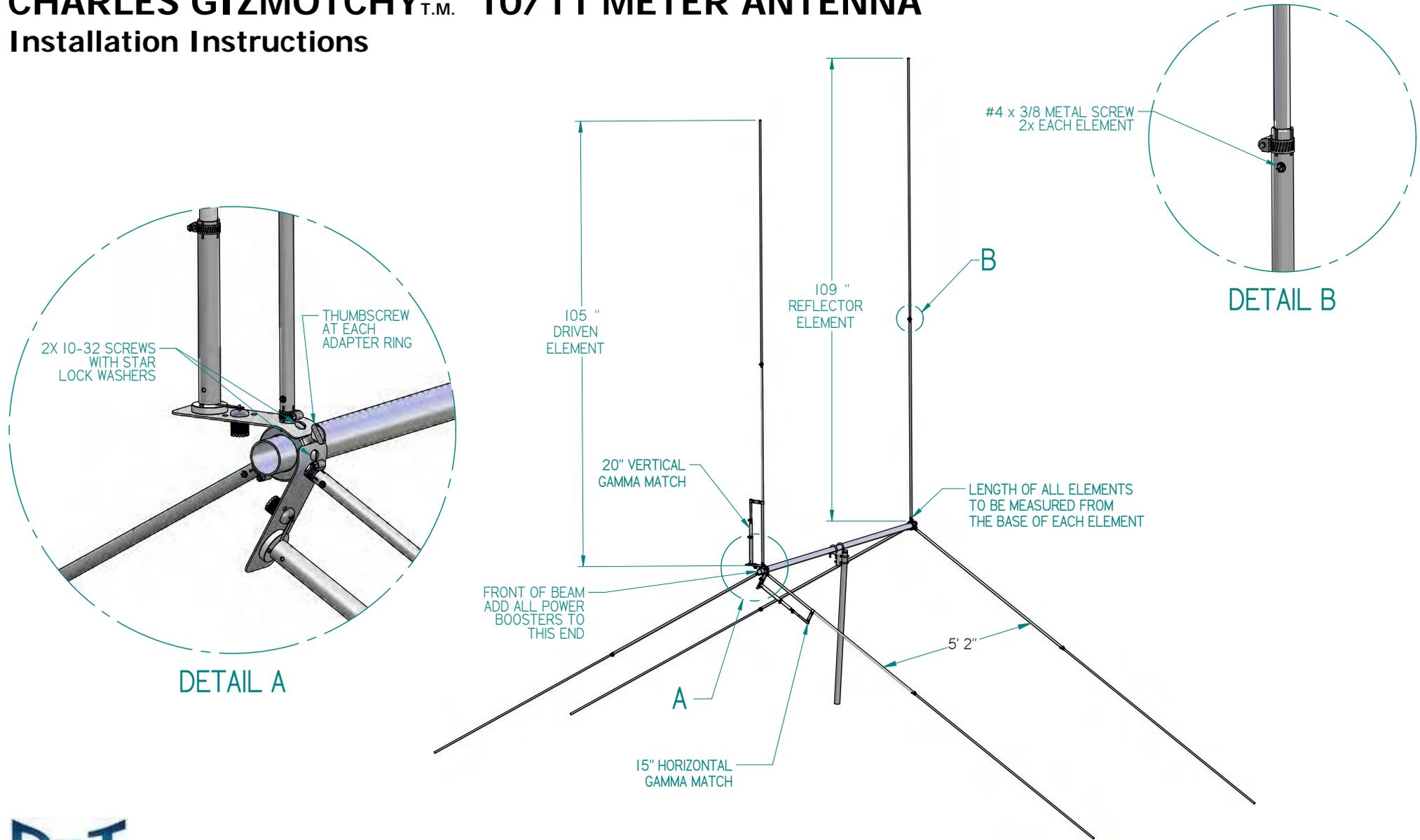
| | | | | | | |
|------|---|--|-----|----|--------------------------|-------|
| N101 | 8 | | #10 | | Star washer | _____ |
| S104 | 2 | | #10 | ¾" | Hex head bolt | _____ |
| N103 | 5 | | #10 | | Hex nut | _____ |
| S105 | 6 | | #10 | ½" | Pan head screws | _____ |
| F-1 | 2 | | | | Gamma connecting bracket | _____ |
| H-1 | 2 | | | | Gamma Plates | _____ |

The items listed below are assembled

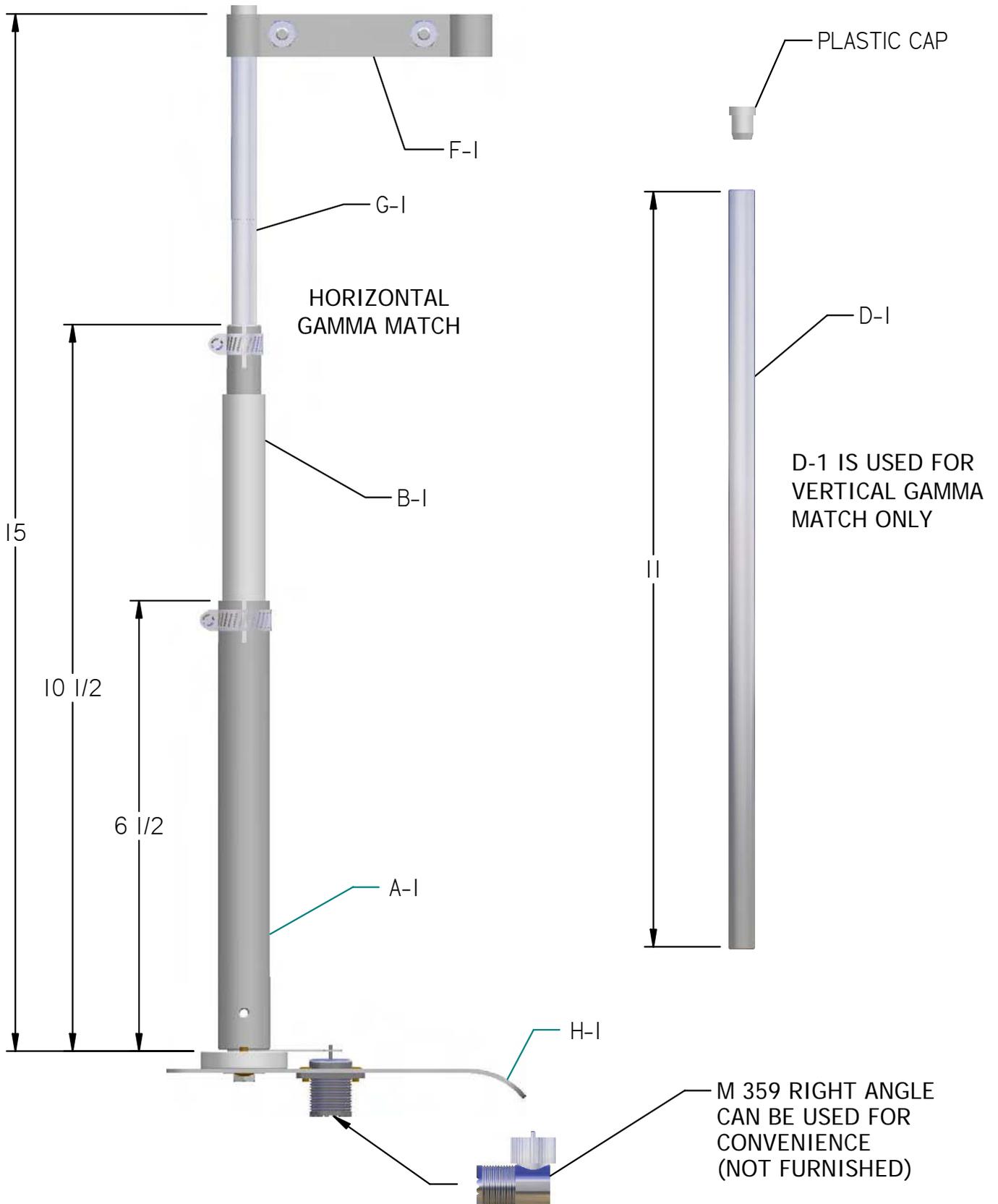
| | | | | | | |
|----------|---|--|------|------|-----------------------------|-------|
| GGA11 | 2 | | | | Gamma assemblies | _____ |
| D-1 (11) | 1 | | | 3/8" | 8" tube | _____ |
| G-1 (11) | 1 | | | 3/8" | 11" tube | _____ |
| C03 | 2 | | ¾" | | Clamp | _____ |
| C02 | 2 | | 1/2" | | Clamp | _____ |
| PL101 | 1 | | | | Plastic cap | _____ |
| | 1 | | | | Warranty sheet | _____ |
| | 1 | | | | 10/11 meter 2 element inst. | _____ |

CHARLES GIZMOTCHY^{T.M.} 10/11 METER ANTENNA

Installation Instructions



ASSEMBLY OF 10 / 11 METER VERTICAL AND HORIZONTAL GAMMA MATCH



Assemble Gamma Matches per diagram.

Use 8-inch 3/8 tube connector (G-1) for Horizontal Gamma Match.

Use 11-inch 3/8 tube connector (D-1) for Vertical Gamma Match.

Overall length of Horizontal Gamma Match from Insulator is approximately 15 inches.

Overall length of Vertical Gamma Match from Insulator is approximately 20 inches.

Note: Adjust both upper section G-1 and center section B-1 of Gamma Match for best SWR.

Also, F-1 Gamma Connector Bracket may be adjusted for best SWR.

WARNING: Use caution when installing your Base Station. DO NOT contact electrical power lines of any type. Even 110 volts could be fatal. Read enclosed fact sheet and observe warning labels.

LIMITED WARRANTY

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Manufacturers of Gizmotchy® Antennas