

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.

© Copyright 2009 Charles Electronics., LLC All rights reserved.

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

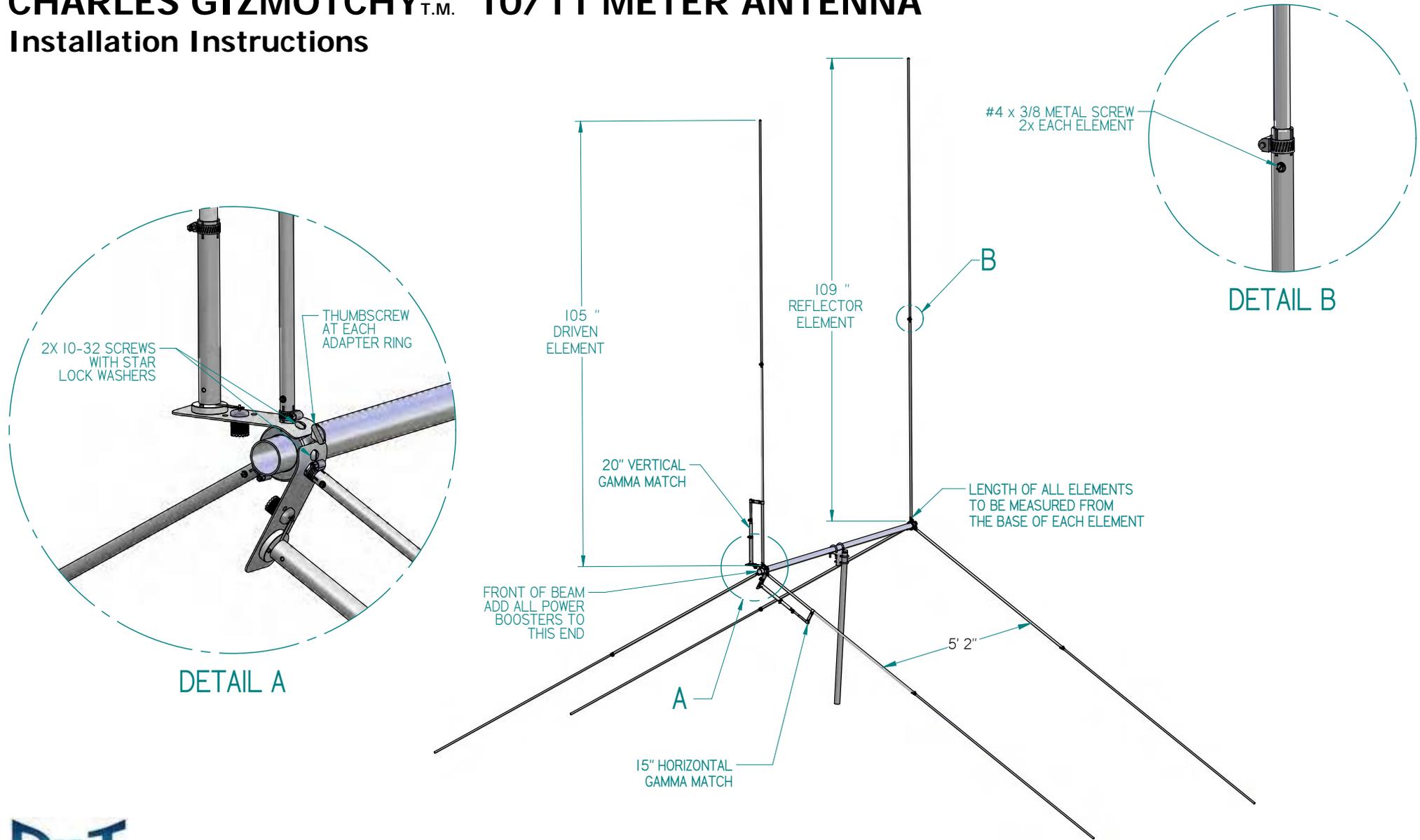
N101	8		#10		Star washer	_____
S104	2		#10	¾"	Hex head bolt	_____
N103	5		#10		Hex nut	_____
S105	6		#10	½"	Pan head screws	_____
F-1	2				Gamma connecting bracket	_____
H-1	2				Gamma Plates	_____

The items listed below are assembled

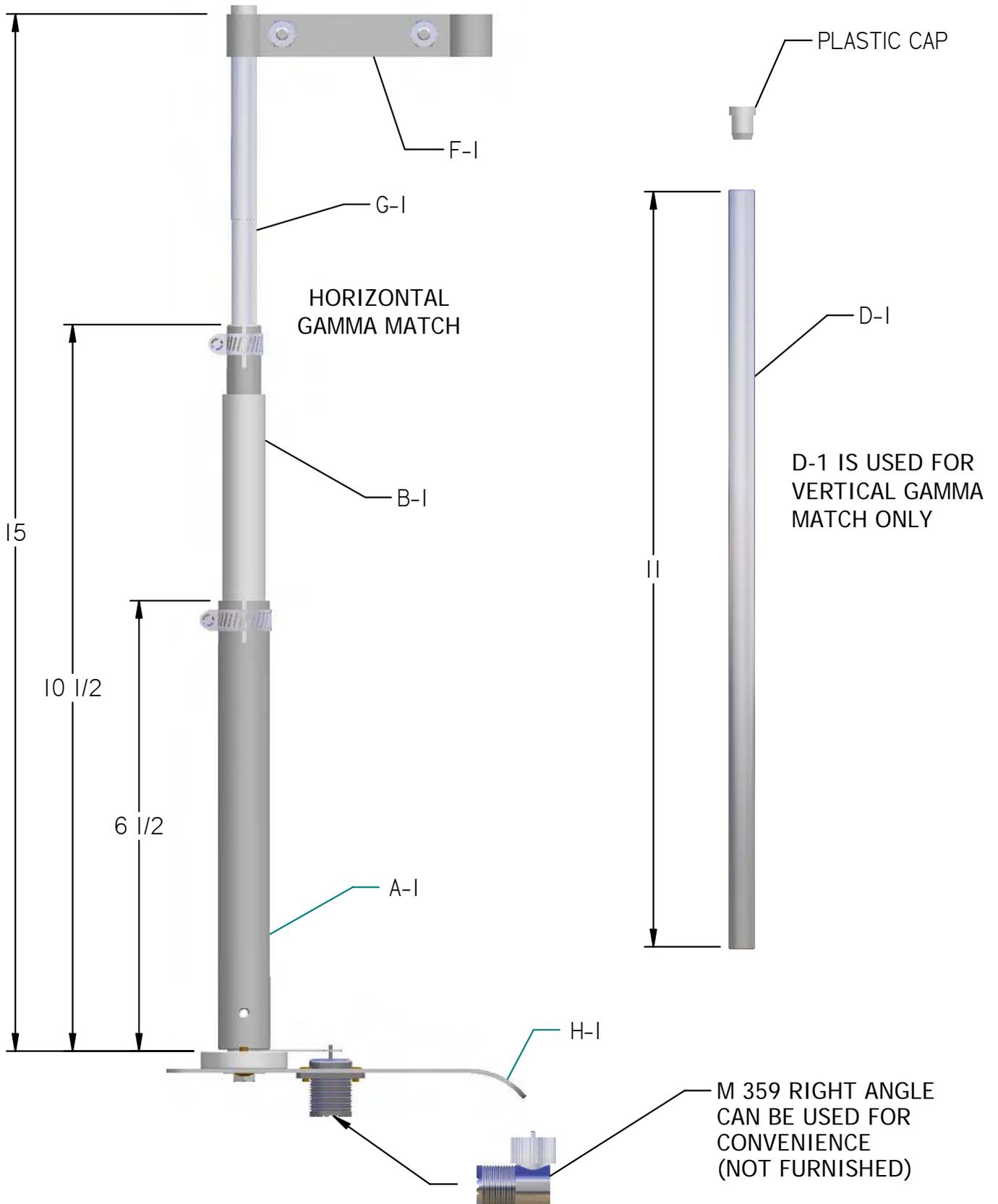
GGA11	2				Gamma assemblies	_____
D-1 (11)	1			3/8"	8" tube	_____
G-1 (11)	1			3/8"	11" tube	_____
C03	2		¾"		Clamp	_____
C02	2		1/2"		Clamp	_____
PL101	1				Plastic cap	_____
	1				Warranty sheet	_____
	1				10/11 meter 2 element inst.	_____

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

Charles Electronics, LLC warrants, on the terms and conditions herein set forth, all products manufactured by it to free under normal use and service from defects in materials and workmanship for a period of (90) days from date of delivery to the first consumer (the Warranty Period).

Charles Electronics, LLC obligation under this Warranty is limited to prompt repair or replacement of the product, at its option without charge, at an authorized Charles Electronics, LLC dealer or the factory of Charles Electronics, LLC when the product is returned to an authorized dealer or to the factory with all transportation charges prepaid and examination of the product shall disclose it to have been defective in the respects aforesaid during the Warranty period. The Warranty period shall not be extended beyond its original term with respect to any parts repaired or replaced by Charles Electronics, LLC hereunder. This Warranty shall not apply to any product which has been repaired or altered in any manner by anyone other than Charles Electronics, LLC or an authorized outlet of Charles Electronics, LLC, or if the defect, malfunction or failure of the product to conform to this Warranty was caused by damage (not resulting from defect or malfunction) while in the possession of the consumer, or from unreasonable use, or from improper installation or application, or to any product which has not been maintained or used in accordance with the operating specifications set forth in Charles Electronics, LLC written instructions. Implied warranties of merchantability or fitness for any particular purpose are limited in duration to the ninety day Warranty Period specified above. Under no circumstances shall Charles Electronics, LLC be liable for consequential damages for breach of this warranty or of any implied warranty. Charles Electronics, LLC neither assumes nor authorizes any person to assume for it any obligation or liability other than as herein expressly stated. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

CHARLES ELECTRONICS, LLC

302 S. East St.

Mt. Carroll, IL 61053

815-244-3500

www.gizmotchy.com

Manufacturers of Gizmotchy® Antennas