

Diamond W-8010 Manual

HF MULTI-BAND WIRE DIPOLE (TRAP DIPOLE) ANTENNAS W-SERIES

W-8010 80m/40m/20m/15m/10m Five Band Trap Dipole Antenna
W-735 80m/40m Dual Band Trap Dipole Antenna
W-721 40m/15m Dual Band Trap Dipole Antenna

OPERATION INSTRUCTIONS

Parts List

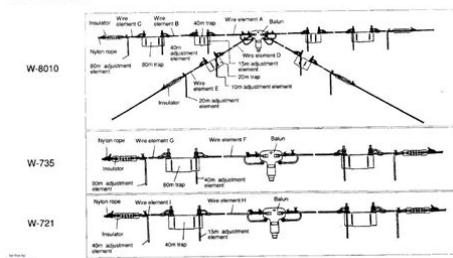
Each model contains the following parts in the package. Please confirm each part according to the list.

	W-8010	W-735	W-721
BU-50 BAL UN with two screws, nuts and washers	1	1	1
80m trap	2	2	-
40m trap	2	-	2
20m trap	-	-	-
Wire element A 3.75m (12.3')	2	-	-
Wire element B 4.2m (13.8')	2	-	-
Wire element C 2.8m (9.2')	2	-	-
Wire element D 2.8m (9.2')	2	-	-
Wire element E 1.4m (4.6')	2	-	-
Wire element F 10.95m (35.9')	-	2	-
Wire element G 2.8m (9.2')	-	2	-
Wire element H 3.75m (12.3')	-	-	2
Wire element I 3.4m (11.2')	-	-	-
Adjustment element 0.4m (1.3')	6	A 2	A 2
Insulator	4	A 2	A 2
Nylon rope 11m (35.9')	1	A 1	A 1
Self-shielding polyethylene tape 1.5m (4.9')	1	1	1
Binding wire 0.6m (2.0')	2	2	2

Description

- The W-Series antennas are very easy to assemble. And, low stretch ratio, rugged and weather proof 3.5 square plastic coated stranded wire is employed for element material.
- Adjustment element is provided for each band to adjust each band without affecting rest of the bands.
- Completely molded wideband balun enables perfect weather proof performance.

Assembled antennas



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Book Descriptions:

Diamond W-8010 Manual

Unlike traps, there is no critical tuning with a choke and it offers a significantly more shortening effect than a trap. This makes the resulting antenna particularly attractive for the smaller gardens. The antenna package contains all parts from load coils, pre-cut antenna wire, BU50 balun, insulators and even includes halyard cord. This is a superbly built Japanese design that will last for ages. Please Sign in or create an account. It performs almost as good as a full size dipole near the resonant frequencies. Tuning the antenna is very easy, if you have a system to lower and raise the antenna quickly. The included balun is not the best one, especially if you are using a linear amp. If you have a center pole, replace it with a better one, preferably with a heavier duty current balun. Overall, it is a very well made antenna kit. I would buy it again and also recommend to others. I chose it over the similar Comet CWA1000 the Diamond product has a big advantage as each band is independently adjustable by means of its own pair of tuning stubs, making setup really easy. It is manufactured to a very high standard. I recommend NOT making irreversible physical cuts to these stubs instead, make "virtual cuts" by "tripling" the end of the stub backward and forward so that there are three parallel wires taped together at the end of the stub the "seen" length of the stub will thus also be its electrical length. I heavily bandaged the balun with waterproofing tape as the screwed on closure suggests potential rain ingress. The terminals of the coils should also be water protected. Altogether a full day's work. Tuned for CW, SWR is as follows. On 3.5MHz, 1.1 at my chosen resonant freq of 3520, and 1.5 at 3500 and 3540. On 7.0MHz, 1.05 at 7020, 1.15 at 7000 and 1.5 at 7070. On 14MHz, 1.6 minimum, bandwidth 200KHz between the 2.0 points. On 21MHz, 1.7 minimum, huge bandwidth. On 28MHz, huge bandwidth but couldn't get SWR below 2.

<http://soyuzmedexpert.ru/userfiles/brother-industrial-5-thread-overlocker-manual.xml>

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8, it resonates too high for CW, haven't yet tried soldering extra wire to stubs. I have enjoyed 1000kmplus nighttime QSOs on 3.5MHz, implying some radiation at low angles on this band the antenna is amazingly good for limited space. It's also excellent on 7 and pretty good on 14, OKish on 21 but poor so far on 28. It needs to be at least 2 meters distant from any wall or roof. If it passes close to a wall the SWR increases too much at least in the lower bands. I live in a high wind area and the antenna is on top of a building so I used 2.5 inch OD masts with 4mm wall thickness. Want it or not it has some directionality and so it is better in some directions, although it has a wide angle coverage. It is ok for radiation 50 to 60 degrees to each side of the maximum, so it covers well 120 degrees in my humble opinion. For the price it is a good antenna. I paid more for the masts and for attaching well the masts to the wall. 2 masts are ok if the coax is not very heavy. The ropes supplied are bad and it is better to use sailing ropes 5 mm is ok. One important aspect is the tuning in the 80m band. 80m is the worst of the antenna because it has a very narrow bandwidth for an acceptable VSWR. It also comes sized for the lower band part and there is the need to cut more than specified in the manual if there is the need to go anything above 3560KHz. No, I am not hearing everything as I would with a towered beam. And no I don't put up a very strong signal as some HAMs that use 1.5 kW on a stacked yagi. It's a mediocre antenna for 5 or more bands. I make nice QSOs and I can work the world. The fact that I homebrew it, makes no difference it's an exact copy of the W8010. Can I recommend it? Yes, sure. Always looking for better antennas for my space; didn't find any yet. 73 I ended up chopping off the ones for 80 and 40 and 80 was still resonant around 3.630 which was an improvement as it was down around 3.5. Had to start shortening the 80 meter

element.<http://eastwest-travel.com/userfiles/brother-hs-2000-manual.xml>

Was already resonant on 15 80 meters has about 50 kc of spread which isnt bad as this antenna is quite short. However I made a giant mess of my masts ropes and ended up with an infuriating disaster so I tore it all down and bought a comet h 422 and am happier. I used it for about 6 months sporadically with a tuner. I just got a new Yaesu FTDX1200 and used an analyzer to get it right. The top 15m, 40m and 80m wire is mounted along the ridgeline of my attic, and i had to bend the ends of the 80m wire 90 degrees to fit. All bands tuned well except 80m, where I have a 900 khz section to use. 20m and 40m seem to do the best. As I said, it is in my onestory attic, so it isnt a DX hunter, but Im on the air. Setup the Diamond W8010 when I first assembled it and hung it up 4.5m high using three Jay car telescopic masts. Final result SWR 3.54 MHz 1.5 7.03 MHz at 1.4 14.155 MHz at 2.4 20.88MHz 1.00 28.5MHz 1.6 I covered all the coils with silicon tape to prevent that material from degrading in the harsh Australian sun. This just fits my backyard which is 19.6m long. Using a SDR Play SDR I can receive local VK stations and DX stations very well I have tried 80m 40m 20m 15m and 10m with good results. After all it appeared that the balun supplied with the antenna, was defect. So far, things are looking good but a faulty balun out of the box should nevertheless not happen imho. The vendor replaced it with a new one in a jiffy, so good service. Hope to score some DX with this antenna! They were not available in North america until recently. In my case, it replaced also another Diamond antenna, the WD330 T2FD broadband folded dipole. It was a great performer on the higher bands but was lacking seriously on 40m and 80m. The W8010 is way better on the lower bands. Assembly was pretty straightforward with the usual high quality parts from Diamond. I had to completely remove the tuning stubs to get the resonants point where i want.

The bandwidths associated with a short loaded dipole with coil are pretty sharp but usable. This particular antenna fits pretty well on my small lot with an overall lenght of just over 63. In my book, a good deal for the coils, quality wire, insulators, a good 1kw balun and even some rope. When you subscribe, you receive only messages for Other useful information The site will be something of which everyone involved can be proud to say they were a part. Contact the site with comments or questions. Pickup is possible with prior arrangement. Pickup is possible with prior arrangement. Total length 19.2m makes it suitable for smaller spaces. Each band can be adjusted individually. Includes all traps and insulators as well as a wideband balun BU50, connector PL. Max. power load 1200 PEP, weight 2.5 kg. Thank you for purchasing the Diamond HF Dipole. Antenna. Before using the antenna, please read care fully these OPERATING PNSTRUCTIONS to operate. Diamond WD330 Read more about radcom and. Reload to refresh your session. Reload to refresh your session. SWR Less than 1.5 at resonate frequency Mast diameter Accepted 3062 Connector MJ Turingradius Approx. 1.65m Max Power rating 150W SSB VSWR Less than 15. SWR Less than 1.5 at resonate frequency Connector MJ Type V dipole antenna Mast diameter Accepted 3860 Power supply Voltage SDC2 12V300mA Control cable 15m ETK10. Remove this product from my favorites list. Add this product to my list of favorites. You must select at least 1 quantity for this product. Antennas! here are a few notes regarding receiver antennas for am, shortwave, and scanner frequencies. The antenna can handle up to 2000 watts of transmit power. PDF 8 pages. You can also use your antenna for international, commercial, and 10meter amateur radio operatio. By continuing to use our site, your are agreeing to the use of cookies as set in our Privacy Policy. Met behulp van meegeleverde tuningstrips is onafhankelijke tuning per band mogelijk.

<https://www.informaquiz.it/petrgenesis1604790/status/flotaganis18052022-2038>

De antenne wordt geleverd inclusief 11 breedband balun. In this page you find schematic, users and instructions manuals, service manuals, technical supplement, leaf leads and other good stuff. If you have some stuff that not is listed here you can donate this by contact mods.dk. And when you click on the file or icon it will count as a download. If you want to see manuals from other manufactories you can click on the manufactory menu in the left side. You can also click here to see all the

manufactories that mods.dk have manuals, schematics or other files from. Please upgrade your browser to improve your experience. Cuento mi experiencia por si a alguien le puede ser util. Como se puede apreciar bastante por debajo de las bandas de aficionado. Ajuste con minima ROE en 28960 MHz. Un gran ancho de banda. Fantastico. Solo cuelgan 9 cm desde el aislador. Ajuste en 14200. Ajuste en 21350 MHz. Buen ancho de banda. En el latiguillo que cuelga le he dejado 10 cm. ROE ajustada a 7070 MHz. El ancho de banda cubre todo el intervalo para aficionados con buenos valores. En resumen, desde el extremo exterior de la bobina marcada con 3.5 MHz le he dejado una longitud de 1.44 m. La mejor ROE esta en 3685 MHz. En esta zona, el ancho de banda es pequenísimo y se hace necesario el uso de acoplador. Aqui el medidor marca como minimo ROE 1.5 o 2.0. Yo estoy empezando a probarlo y me parece que aunque esta bien ajustada, no me voy a deshacer del acoplador. Un saludo a todos. De fabrica es normal que venga largo, por que para acortar y no digo cortarsiempre hay tiempo, sin embargo para alargar ya tendrias que anadir cable cosa que seria muy chapuzero. Bueno, suerte con el montaje sobre todo para 80 mtrs un saludo Alberto Primero la ponte tal y como viene de fabrica y, por supuesto, las frecuencias de resonancias estaban lejisimos de las frecuencias de radioaficionados. De hecho asi fue, pero solo tuve que hacer unas leves modificaciones.

<http://intrasservices.com/images/Deere-X534-Manual.pdf>

Conseguí sin ningún problema ajustar el dipolo en todas las bandas y frecuencias deseadas en 10, 15, 20 y 40 buen ancho de banda y ROE de 1,1 a 1,5, eso si como todo el mundo te esta comentando en la banda de 80 metros el ancho de banda es muy pequeño en comparacion con las otras bandas y la ROE no me baja de 1,5 a 2,0 asi que en la banda de 80 el acoplador sigue siendo necesario. Asi que, quiero suponer que, algo mejor en TX debo de salir o no pero en RX no he podido hacer las comparaciones oportunas. Por lo menos el acoplador no estara constantemente conectado. COMO DATO CURIOSO, ME ACOPLA EN 6m. OTRA COSA ES QUE FUNCIONE, YA VEREMOS! Activadas por defecto. COOKIES TECNICAS NECESARIAS Estas cookies son necesarias para que la pagina web funcione, por lo que no se pueden desactivar. Por lo general, solo se configuran en respuesta a sus acciones realizadas al solicitar servicios, como establecer sus preferencias de privacidad, iniciar sesion o completar formularios, en ningún caso almacenan informacion de identificacion personal. En caso de que configure su navegador para bloquear estas cookies, la pagina web no funcionaria correctamente. Gracias a ellas podemos mejorar constantemente tu experiencia de navegacion. Puedes activarlas o desactivarlas. COOKIES DE ANALISIS Las cookies de analisis nos permiten estudiar la navegacion de los usuarios de nuestra pagina web en general por ejemplo, que secciones de la pagina son las mas visitadas, que servicios se usan mas y si funcionan correctamente, etc.. Por tanto, estas cookies no tienen una finalidad publicitaria, sino que unicamente sirven para que nuestra pagina web funcione mejor, adaptandose a nuestros usuarios en general. Activandolas contribuiras a dicha mejora continua. COOKIES DE PUBLICIDAD Las cookies de publicidad nos permiten la gestion de los espacios publicitarios incluidos en nuestra pagina web en base a criterios como el contenido mostrado o la frecuencia en la que se muestran los anuncios.

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the status of your order Write to us and we will reply as soon as possible. Do you want technical support or know the status of your order Write to us and we will reply as soon as possible direct to your WhatsApp. Ultraflex 10. Works with the same principle as the Diamond BB7V vertical antenna. ROS above 3 MHz depends on nearby objects a. Privacy Policy. Enter your email address below and we will notify you as soon as the product is available. Create one here. Creators are allowed to post content they produce to the platform, so long as they comply with our policies. United Kingdom. Company number 10637289. Gli elementi sono in filo rivestito con guaina plastica, poco estensibili, resistenti alle intemperie. 2 Ogni banda ha un elemento di regolazione che non influenza le altre bande. 3 Massima garanzia di ottime prestazioni contro le intemperie perche i balun, sono completamente annegati in resina. Sul lato trappola verso il balun deve essere montato anche l'elemento di regolazione. 3 Per fissare l'isolatore fate scorrere l'elemento filo per circa 55 cm poi legate come illustrato in fig.

3, boccate con il filo di giunzione. Nota siccome ogni elemento filo e autofissato montate l'antenna riferendovi alla vista assemblata. Elemento di regolazione Nota fate pendere verso il basso l'elemento di regolazione per evitare che influenzi la frequenza di risonanza dell'elemento principale. Agli isolatori, su entrambi i lati lasciate pendere l'eccesso per 55 cm che diventa regolazione. Nota annodate, come in figura 4, il cavo di nylon all'isolatore. 1 Page 2 and 3 Fig. 3 Fig. 4 Fig. 5 Filo per giunz Thank you, for helping us keep this platform clean. The editors will have a look at it as soon as possible. En 20 y 80 metros, es la cola en el extremo de las patas dipolo. Es necesario ampliar los turnos es decir, separar! Para llegar a la frecuencia real que se desea, recordando el extra coaxial subsidio longitud. Lo quedebe suceder es que las trampas de cada lado se sintonizan a la misma frecuencia. Usted puede tener diferentes PVC, diferentes coaxial. Por supuesto, los mismos conceptos se pueden aplicar a hacer sus propios dipolos trampa para otras bandas.Sin embargo, la antena que estos suelen llevar Esta practica es acumulativa Es una antena de banda ancha, consigue Por Rafael EA6WX Es un dipolo puesto en vertical y truncado por un plano de tierra Vista lateral Eje de la antena La impedancia de la vertical cambia Una antena doble bazooka es una combinacion Basado en las EH, Isotron y el analisis de las CFA. Antena de disco multibanda para espacios reducidos, de 40, Tipos de lineas de alimentacion basicos El cable coaxial coaxial Linea abierta Sin embargo tambien Todos los derechos reservados. Vea este y otros cursos en linea en www.plantwebuniversity.com. Fieldbus 502 Revision y solucion de problemas Generalidades Revision del La historia de esta antena surgio ante el problema de la falta de espacio para la instalacion de un dipolo de media onda para las bandas bajas.

Probe a construir Su construccion esta basada en seis postes de material aislante Esta bomba se utiliza ampliamente para Los veteranos que llevan muchos anos en la radio siempre dicen Para cumplir mis deseos de volver ser un radioaficionado activo despues de la refrendacion de mi licencia HK3GZV decidi instalar una antena para la banda de 40 mts. Revisando Desplegar un dipolo Equipos y materiales Guia 1 1 TEMA DIPOLO SIMPLE Y DIPOLO PLEGADO Facultad Ingenieria Escuela Electronica Asignatura Propagacion y antenas Objetivos Medir parametros de interes en un Dipolo Simple YY5RM Ensayos con Dipolos Por lo general, los Radioaficionados realizan muchos ensayos, hasta conseguir un maximo de rendimiento de la estacion, amenos Es una antena de diagrama de radiacion omnidireccional Para las bandas de 40, 20, 15 y 10 metros. Por Jose Manuel Garcia Partal EA7LY Durante la decada de los 60, Jose Manuel operando desde San Fernando Cadiz su estacion La senal emitida por el mismo, puede ser sintonizada en cualquier punto del Dial de su radio Tanto de la parte mecanica como electrica. Tanto de la parte mecanica como electrica. En la carpeta que te acompaño, tienes todas las fotografias El Robot seguidor, es un robot que sigue cualquier linea que esta marcada en el suelo. Puedes crear tu propio Cuando se acciona el par que genera el motor hace que la rueda gire hacia Es una Yagi tribanda ligera del full tamaño, hecha de fibra de vidrio y alambre. El peso total de la antena es solamente kg, y es Otros documentos requeridos Escrito por Capitulo 8 Herramientas Sistemas Militares Civiles Un sencillo y humilde medidor de ROE nos sirve

para mas cosas de las que creemos. Ahora vera el lector la causa de esta afirmacion.

Este instrumental consta basicamente de tres elementos el medidor de potencia optica, el osciloscopio Guia de instalacion Amplificadores Bidireccionales para Edificio TS MR17RB 20A TS MR02RB 20A TS MR16RB 20A Si esto no se respeta, no se admitiran reclamaciones sobre la garantia. Ademas, esto puede afectar el funcionamiento del motor. Los ninos no reconocen los Si la instalacion esta desajustada, no se radiara toda la energia que To use this website, you must agree to our Privacy Policy, including cookie policy. Diamond Japan factoryauthorised direct importer since 1978! We must drill out screws that are seized due to Freightning or mailing of antennas at extra Warranty cover is Almost all Diamond antennas listed here are in stock!! Supplementary Supplementary Please install base station antennas Those models covering the 2m and 70cm bands or They are centred on Therefore, they best cover 144148MHz and Please note; M socket is the same as a SO239 socket and a UHF socket. N socket is a combination of a BNC socket and a Ntype connectors were initially This is a 2piece fibreglass antenna. Plenty in stock! This is a 1piece This is a 1piece This is a 1piece This is a 1piece fibreglass antenna. Plenty in stock! N socket is a combination of a BNC socket and a Ntype connectors were initially Plenty in stock! Plenty in stock! Shipment arrived! New model! Plenty in stock! Shipment arrived! Plenty in stock! N socket is a combination of a BNC socket and a Ntype connectors were initially Covers 714212850Mhz, vertical, 3.6m Diamond in Japan Shipment here! HFV40 Rotatable Vdipole Element length is 2.53m each side of Place your order with Shipment arrived! Subject to availability from Diamond JA The SD330 takes 50 seconds to tune from 3.5 Limited stock of Plenty in stock! N socket is a combination of a BNC socket and a Ntype connectors were initially Most of the above triband mobile SGseries antennas are in stock! Plenty in stock! Rated to 200W RF FM. Sold out!

A BNCM plug front to Magnetic base, 3m of LMR100 coax cable and SMAF socket fitted. Shown with optional KTH bracket and optional SG series antenna.Photo for illustration purposes Plenty in stock! See suitable mounting brackets listed below. Has adjustable length and Plenty in stock! Plenty in stock! Shipment arrived. Shipment arrived! Has 4 x SO239 sockets. Only 0.1dB loss to 500MHz. Shipment arrived! N socket is a combination of a BNC socket and a Ntype connectors were initially All of the above CXseries antenna switches are normally in stock! MJ is the common socket. In stock! MJ is the common socket. Plenty in stock! Plenty in stock! Maximum RF power. NJ is the common Limited stock! Plenty in stock! Supplementary shipment due late October, 2020! N socket is a combination of a BNC socket and a Ntype connectors were initially Plenty in stock! Plenty in stock! Availability T.B.A. MX3000 has an Nplug ONLY on the 23cm band! MX3000N has Nplugs fitted for both the 70cm band AND 23cm band! N socket is a combination of a BNC socket and a Ntype connectors were initially All of the above triplexers are in stock most of the Plenty in stock! Supplementary shipment arrived! Has 4 x SO239 Place your order Fitted with Plenty in stock! N socket is a combination of a BNC socket and a Ntype connectors were initially Please consider purchasing a commercial RF N socket is a combination of a BNC socket and a Ntype connectors were initially Most of the above accessories are in stock most of Plenty in stock! See photo above. Plenty in stock! Plenty in stock! N socket is a combination of a BNC socket and a Ntype connectors were initially Most of the above accessories are in stock most of Weight; 9kg. Has maximum audio output Cannot be used with transmitters. Including set of OSL calibration standards, coaxial test cables and connector adapters. High speed USB cable. For details, please contact me.

It is able to execute functions as RF generator, Sweep generator, Power detector, Vector voltmeter, IP3 measurements, Antenna Analyzer and many more. Graphic test plots of the burn test are supplied together documentation Enduser license agreement for myVNA.Standard is BNC type. Standard is BNC type. Assembled in tin plate enclosure providing more efficiency Faraday screening to electric and magnetic fields. Original MiniCircuits transformer coupling circuit covering the range of the instrument. Connectors plug let to connect directly to the VNA front ports. Range 60kHz to

60MHz. Size 11x3.8x2.8cm.4.3x1.49x1.10in High speed USB2.0 cable included. Ladder configuration. Power Rating 1Watt Impedance 50 Ohm. Connectors BNC standard. SMA or N connectors option available. External Dimensions H,W,D 30x37x148mm 1.18x1.45x5.82in As general purpose bridge it can be use together with other measurement instruments up to 100MHz usable up to 150MHz. For details, please contact me. Skuste hladat nizensie. Podmienky na 2m Nie je to portal tych, co ho vytvorili, ale pre Vas vsetkych. Tema ColorMag od ThemeGrill. Zalozene na systeme WordPress.

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