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~~Ham Radio~~
~~Adventures 11: Loop~~
~~antennas for portable~~
~~radio HF Magnetic~~

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~~Loop Antenna, CHA P-~~

~~Loop 2.0, Ham Radio~~

~~POTA SOTA KP4WK~~

~~KX2 Magnetic Loop~~

Antenna 40M-15M

Lightweight Portable

Magnetic Loop

Antenna DIY (Part 1)

Portable HF loop

antenna MFJ-9232

HF Antenna in the

attic ham radio

magnetic loop

antenna for HOA

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~~Chameleon F Loop
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Radio Review QRP
with UltraLight
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X5105 How to use a
Magnetic Loop
Antenna DIY QRP
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Radio Antenna for
Beginners Ham Radio
Adventures 19:~~

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Tuning magnetic loop
antennas by ear An
inexpensive 3-Band
Magnetic Loop

Antenna Winner
BEST Antenna 2019

MLA 30 Active
magnetic loop
antenna 2E0ERO

Magnetic loop
antenna ~~A Homebrew~~

~~Magnetic Loop
Antenna for 40m, 30m
and 20m by Tony~~

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(E15EM). HF Indoor
Loop Antenna DIY -
Simple \u0026amp; Easy
to Build Magnetic loop
antennas. Sense and
NONsense. ~~Portable
QRP Magnetic Loop
Antenna (40-10m)~~
40M UltraLight QRP
magnetic loop
antenna + TEST [
XIEGU X5105] 100
watt 7 MHz magnetic
loop for units and

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apartments UltraLight

Magnetic Loop

Antenna + XIEGU

X5105 Magnetic loop

antenna for 160-40

meters 1KW Mag

Loop antenna, for

ham radio HAM

RADIO: Building a

magnetic loop

antenna Part 1

Review of AlexTune

mag loop antenna

tuning aid (#212)

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ver.2.0 UltraLight
Magnetic Loop - great
QRP AntennaAn
inefficient speaker
wire magnetic loop
antenna Comparing 4
magnetic loops for hf
low cost 2E0ERO
Mag loop demo uk-
italy hf UltraLight
~~Magnetic Loop~~
~~Antenna - NEW~~
~~Original Packaging!~~
Portable Hf Magnetic

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Loop Antenna

This antenna is a small (transmitting) loop, so there are no taps on coils and no counterpoise wires needed. It has a built in tuner with a 6:1 reduction drive that allows you to easily match the antenna for transmit and receive from 7 MHz to 29.7 MHz or 3.5 MHz to 7

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MHz when the
Booster Cable is
installed.

10-80 Meter Alpha
Loop antenna (100W
10-40M, 20W
40-80M)

The same HF
magnetic loop can be
used in the FM and
the 2m HAM bands
with a slight change of
its core principle: It's

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now a folded dipole.

Actually, the feed point of the folded dipole is on the top and the actual legs are composed of the coax ground.

YouLoop HF loop antenna - QRZ Now
Amateur radio
Antenna sold here, we
update our stocks to
keep in touch with

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modern
improvements in
magnetic loop
antenna

design. Magnetic loop
Ideal for restricted
space locations, You
can remotely tune to
the ham bands in
seconds reduces
harmonic interference
and provides super
front-end receiver
selectivity.

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Hf Magnetic
Magnetic Loop
Loop Antenna
System
Antennas - resonant
loop antennas ...

*** The HF-319
Magnetic Loop
Antenna is being
offered by special
order only at this time.
Please use the
contact link above for
details. *** Please use
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Loop Antenna -
SignalLoop model
HF-319 Portable HF
Magnetic ...
SignalLoop model
HF-319 Portable HF
Magnetic Loop

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Antenna (click image
for larger view) ***

Please read the FAQ
& feedback sections

further down this
page, and feel free to
contact any time if
you have any
questions. *** Since
its introduction in mid
2015, the HF-319 has
become a popular
antenna and is used
in a variety of

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situations. It is also
the lowest cost high
quality complete small
System

Doxytronics

SignalLoop model
HF-319 Portable HF
Magnetic Loop
Antenna
The G4ILO Wonder
Loop is an
inexpensive, easy to
make magnetic loop
antenna that covers

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five HF bands, 40m through 15m. It is designed for portability, and can be assembled or disassembled in about a minute. When disassembled the antenna easily fits in a suitcase or backpack.

The G4ILO Wonder
Loop
zA magnetic

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loop behaves electrically as a coil (inductor) with a small but non-negligible radiation resistance due to its finite size.

Portable Magnetic Loop Antennas - FARS

1) The magnetic loop antenna is an RF transformer. The primary is the small

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inner loop that is 1/5 of the size of the main loop. The secondary is the main loop, and is the actual antenna. This outer conductor is closed by a variable tuning capacitor.

PY1AHD ALEX -

What is a magnetic loop antenna?

Hello Operators Last month I published the

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teaser video for the Ultimate Man Portable Magnetic Loop Antenna System build. The build utilises the DIY Magnetic Loop Starter Kit from Chamaeleon Antenna. Well, its time to have a look at the first prototype.

DIY Man Portable
Magnetic Loop
Antenna ▯ OH8STN

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Ham Radio
Enter the W4OP
Loop Antenna
magnetic loop
System
antenna LnR
Precision had only a
few weeks before
announced their new
portable, self-
supporting, magnetic
loop antenna: the
W4OP loop (\$329.99
US). I contacted LnR
in November to tell
them about my

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upcoming December
NPOTA DXpedition,
and inquired whether
they thought the
W4OP loop would be
a good fit?

A review of the W4OP
portable magnetic
loop antenna | The ...
This is a super
portable passive
HF/VHF loop antenna
designed for super

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low NF/MDS receivers like the Airspy HF+ Discovery. It also works to some extent with the RTL-SDR V3 in direct sampling mode if you enable RTL AGC. Passive design, no tuning required. Low-loss wide-band BALUN with 0.28 dB loss typ.

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YouLoop Magnetic
Antenna Portable
Passive Magnetic
Loop ...

The YouLoop is a generalization of the Möbius loop where a balanced electric shield is used as the center of a multi-turn loop. The rest of the turns run inside the shield. This construction is

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electrically balanced
for large wave
wavelengths, ie. when
 λ is very large
compared to the size
of the antenna.

YouLoop Magnetic
Antenna - airspy.com
Portable Passive
Magnetic Loop
Antenna For HF And
VHF Magnetic
Antenna Hot Sale.

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For HF and VHF

Electromagnetic

Antenna Passive

Magnetic Loop

Antenna Accessories.

£29.99 + £0.99 P&P

VERTICAL GROUND

PLANE ANTENNA

FOR THE 2 METER

BAND. £34.49. Free

P&P . Picture

Information . Opens

image gallery. Image

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not available. Mouse
over to zoom-Click to
enlarge. Move over
photo ...

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YouLoop Magnetic
Antenna Portable
Passive Magnetic
Loop ...

Portable HF DX
EMCOMM Alpha
Antenna; Portable HF
(HD/LT/Basic) FMJ
Antenna; Portable HF

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VHF UHF HexTenna
Alpha Antenna;
Reviews. 100 Watt
HF Magnetic Loop
Antenna; Base HF
ProMaster Antenna;
Base Portable HF J-
Pole Alpha Antenna;
Base Portable S9
Antenna; Base Sky
VHF UHF Antenna;
HOA Buster antenna
for 10-80 meters;
Mobile HF Alpha

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MOTO...
Loop Antenna
100 Watt HF
Magnetic Loop
Antenna - Alpha
Antenna

I carried out a survey in early 2014 to try to discover which portable HF antenna was most popular. Just over 300 people responded. They were asked to choose

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their "favourite
portable antenna"
from: Ground-plane
W3EDP Endfed

Halfwave Single Band
Dipole Random
Length Endfed
Doublet Linked Dipole
Magnetic Loop
Multiband Loaded
Dipole Other The
order the antennas
were listed in was
randomised so ...

Download Ebook Portable Hf Magnetic Loop Antenna System 5 Most Popular HF Portable Antennas - SOTABEAMS

Our HF antennas are tested at a height of 25 ft. in "clear surroundings", in an inverted V and/or sloper configurations. If your installation site does not meet these requirements, the tuning will yield high

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SWR and impaired performance. In any case, a good wide range tuner is recommended to lower SWR and broadband the SWR bandwidth for any model. We cannot answer questions about ¶if we ...

CHAMELEON
ANTENNA - Ham

Page 34/61

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Radio, Loop Antenna,
Portable Antenna
Loop Antenna
Portable Alpha Loop
System
(version 6.x) for
coverage of 10-80
Meters handles 100
Watts PEP SSB on
10-40 Meters and
20W on 40/60/80
Meters when the
included Booster
Cable is installed.

10-80 Meter (100W)

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10-40M, 20W 40-80)
Magnetic Alpha Loop

...
System
Design

A magnetic loop antenna (MLA) can very conveniently be accommodated on a table top, hidden in an attic / roof loft, an outdoor porch, patio balcony of a high-rise apartment, rooftop, or any other tight space constrained location.

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Hf Magnetic
The Underestimated
Loop Antenna
System
Antenna

A magnetic loop antenna is electrically simple and looks like a two turn transformer with a tuning capacitor in the larger loop. The "primary" of this transformer is a small loop of wire, fed by standard 50 Ohm

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coaxial cable (coax) that goes to your HF transceiver. It feeds (induces) the radio signals to/from the BIG loop.

THE DEFINITIVE

Page 38/61

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ANTENNA REFERENCE--FULLY REVISED AND EXPANDED! Design and build your own antennas with the help of this unique guide. Updated and revised to provide clear answers to questions frequently asked by hobbyists and electronics technicians, Practical

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Antenna Handbook,
Fifth Edition blends
theoretical concepts
with hands-on
experience--requiring
only high school
mathematics
Reorganized to flow
logically from broad
physical principles to
specific antenna
design and
construction
techniques, the book

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begins by covering the fundamentals. Then the half-wave dipole is discussed both as an excellent antenna in its own right and as a conceptual tool for predicting the performance of other designs. Transmission line impedance matching techniques--and a

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companion Smith
chart tutorial--lead
into "must have"
accessories for
tuning, monitoring,
and troubleshooting
antenna system
performance. Other
tools, such as
antenna modeling
software and network
analyzer add-ons for
PCs and Macs, are
addressed, and

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concluding chapters offer fresh insights into support structures and installation

techniques. NEW TOPICS COVERED INCLUDE:

Characteristics of all-driven and parasitic arrays Beverages and small MF/HF receiving loops Top-loaded shunt-fed towers and other

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verticals Theory and design of Yagi beams
Effect of real ground on propagation and antenna patterns, impedance, and efficiency
Lightning protection and four kinds of ground systems
Zoning and restrictive covenants
COVERS A WIDE VARIETY OF ANTENNAS: Dipoles

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and inverted-Vs
Quads, delta, and
NVIS loops Wire
arrays (bobtail curtain,
half-square, rhombic)
Verticals and shunt-
fed towers Rotatable
Yagi beams MF/HF
receiving antennas
(flag, pennant, K9AY,
Beverage) Mobile and
portable antennas
VHF/UHF/microwave
antennas And many

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more GO TO WWW.
MHPROFESSIONAL.
COM/CARR5 FOR: *

Tables of worldwide
geographic
coordinates and
antenna dimensions
vs. frequency *

Supplier updates *

Author's blog *

Additional
photographs and
schematics * Links to
tutorials and

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Doxytronics

Fully updated, this guide is one of the most practical introductions to the design construction, installation and troubleshooting of virtually all types of antennas. This is a

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book enhanced by a wealth of illustrations, including example and worked-out solutions of equations. The CD-ROM includes popular shareware for antenna modeling and Visual Basic programs for customized designs.

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Updated with color and gray scale illustrations, a companion website housing supplementary material, and new sections covering recent developments in antenna analysis and design This book

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introduces the fundamental principles of antenna theory and explains how to apply them to the analysis, design, and measurements of antennas. Due to the variety of methods of analysis and design, and the different antenna structures available, the applications covered

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in this book are made to some of the most basic and practical antenna configurations.

Among these antenna configurations are linear dipoles; loops; arrays; broadband antennas; aperture antennas; horns; microstrip antennas; and reflector antennas. The text

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contains sufficient mathematical detail to enable undergraduate and beginning graduate students in electrical engineering and physics to follow the flow of analysis and design. Readers should have a basic knowledge of undergraduate electromagnetic theory, including

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Maxwell's equations and the wave equation, introductory physics, and differential and integral calculus.

Presents new sections on flexible and conformal bowtie, Vivaldi antenna, antenna miniaturization, antennas for mobile communications,

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dielectric resonator
antennas, and scale
modeling Provides
color and gray scale
figures and
illustrations to better
depict antenna
radiation
characteristics
Includes access to a
companion website
housing MATLAB
programs, Java-
based applets and

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animations, Power Point notes, Java-based interactive questionnaires and a solutions manual for instructors Introduces over 100 additional end-of-chapter problems Antenna Theory: Analysis and Design, Fourth Edition is designed to meet the needs of senior undergraduate and

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beginning graduate level students in electrical engineering and physics, as well as practicing engineers and antenna designers.

Constantine A. Balanis received his BSEE degree from the Virginia Tech in 1964, his MEE degree from the University of Virginia in 1966, his

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PhD in Electrical Engineering from The Ohio State University in 1969, and an Honorary Doctorate from the Aristotle University of Thessaloniki in 2004. From 1964 to 1970, he was with the NASA Langley Research Center in Hampton, VA, and from 1970 to 1983, he was with the

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Department of
Electrical Engineering
of West Virginia
University. In 1983 he
joined Arizona State
University and is now
Regents' Professor of
Electrical
Engineering. Dr.
Balanis is also a life
fellow of the IEEE.

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Stutzman's 3rd edition of Antenna Theory and Design provides a more pedagogical approach with a greater emphasis on computational methods. New features include additional modern material to make the text more exciting and relevant to practicing engineers; new

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chapters on systems,
low-profile elements
and base station
antennas;

organizational
changes to improve
understanding; more
details to selected
important topics such
as microstrip
antennas and arrays;
and expanded
measurements topic.

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