



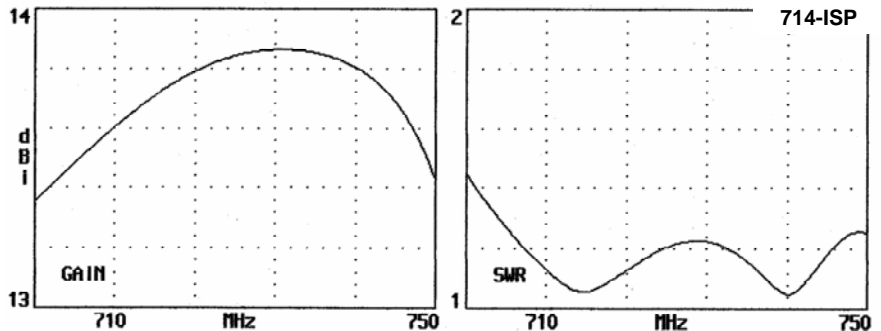
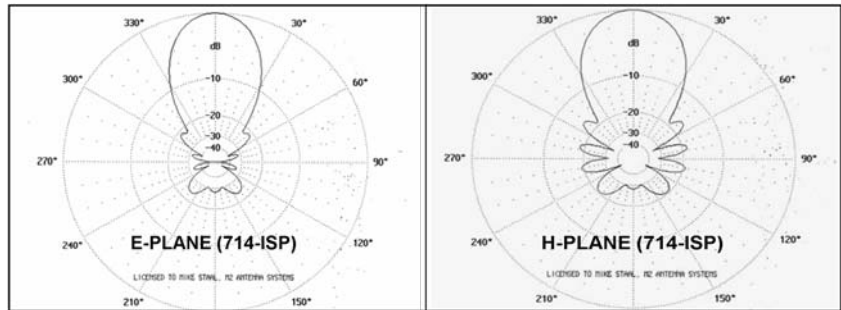
714A-ISP YAGI (698-755MHz)

5-06-06



SPECIFICATIONS

MODEL..... 714A-ISP
 FREQUENCY RANGE 698-755 MHz
 GAIN..... 14.0 dBi
 FRONT TO BACK..... 23 dB
 VSWR..... 1.3:1 TYPICAL
 POLARITY..... VERT / HORZ
 STACKING DISTANCE 30"
 FEED IMPEDANCE..... 50 OHMS
 FEED CONNECTOR N-FEMALE
 POWER HANDLING..... 500 WATTS
 BOOM LENGTH 41 1/2"
 BOOM DIA..... 1"
 MAST SIZE..... 1 1/4" TO 2"
 WIND AREA (.4) SQ FT.
 WIND RATING..... 100 MPH
 WEIGHT..... 4 LBS.



FEATURES

The **714A-ISP** has been engineered to give you optimum performance for the smallest package size. **The new 5/16" element design decreases the effects of rain and light snow deterioration often seen in similar antennas.**

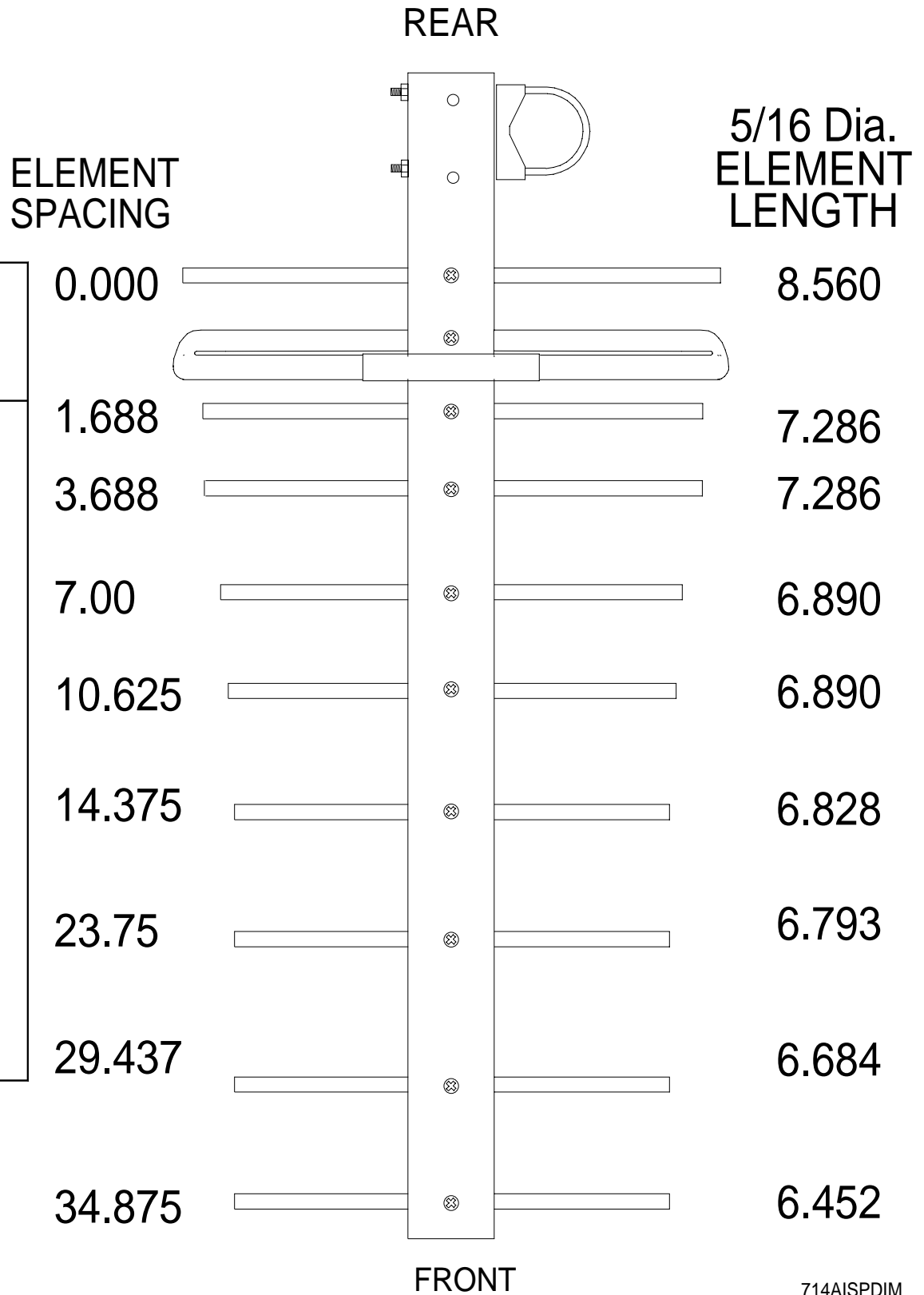
The heart of the **714A-ISP**, the folded dipole, provides a virtual flat match for over 50 MHz. The gain has been designed to roll-off quickly above range limits to prevent receiver overload from high power services above 750 MHz. The heavy duty one piece boom and 5/16" elements, give the ISP confidence for superior performance and longevity.

The **714A-ISP** is a DC grounded antenna designed to work with many of the FCC Licensed ISP Service.

Call about special bulk pricing !

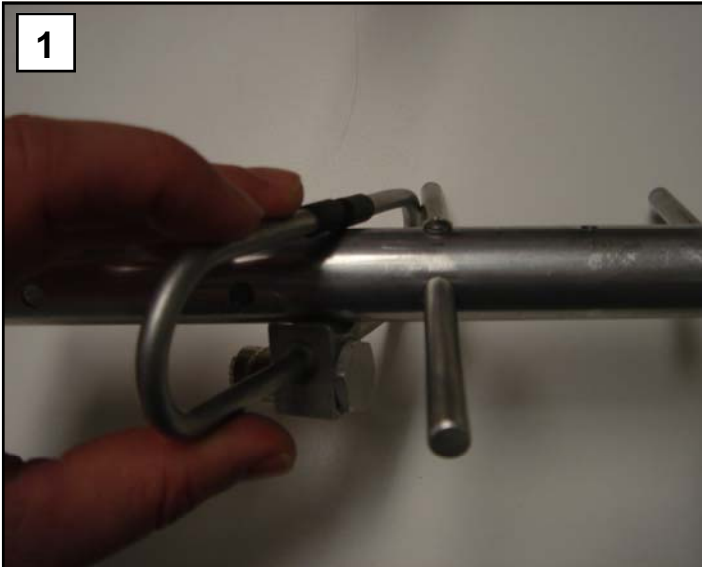
714A-ISP (HI-PERFORMANCE 698-750 MHZ YAGI) DIMENSION SHEET

DECIMAL TO FRACTION CONVERSION
.062 = 1/16
.125 = 1/8
.188 = 3/16
.250 = 1/4
.313 = 5/16
.375 = 3/8
.437 = 7/16
.500 = 1/2
.562 = 9/16
.625 = 5/8
.688 = 11/16
.750 = 3/4
.813 = 13/16
.875 = 7/8
.937 = 15/16



GETTING STARTED

Tools handy for assembly process: Phillips head screwdriver, 11/32" spin-tite or socket, 7/16" end wrench or socket. The elements of the antenna are pre-assembled from the factory.



Step 1:

Attach the folded dipole to the rear of the boom section by sliding the unit back and forth until it is in place. Use a 8-32 x 1 1/4" screw.



Step 2:

Install the 2" U-bolt and Uni-Cradle in the correct orientation for vertical or horizontal polarization. Tighten with 1/4-20 hex nuts and lock washers.

*Stainless Steel hardware can lock up. We suggest using grease or WD-40 when installing the hardware.

THIS COMPLETES THE ASSEMBLY OF THE 714-ISP

714A-ISP PARTS LIST

5-09-06

DESCRIPTION	QTY
BOOM, 1.0" X .058 X 41 1/2" ALUM	1
ELEMENTS, 5/16" (INSTALLED)	9
FOLDED DIPOLE ASSEMBLY	1
U-BOLT, 2", SS & UNI-SADDLE	1
ASSEMBLY MANUAL	1

IN HARDWARE BAGS:

NUT, 1/4-20, SS	2
LOCKWASHER, 1/4" SPLIT RING SS	2
SCREW, 8-32 X 1-1/4", SS	1

Carefully Manufactured by:

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