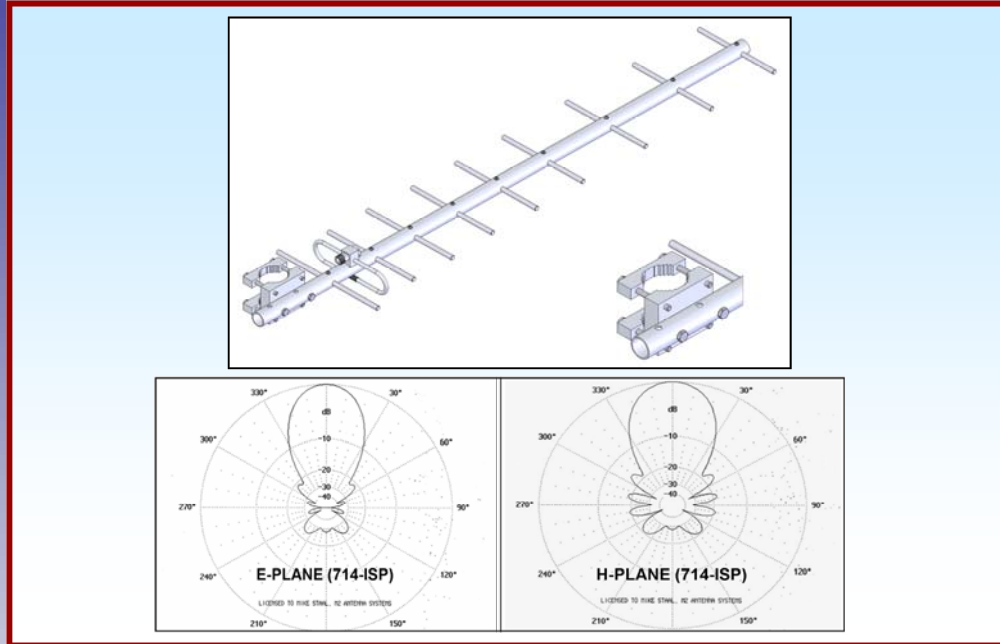




M2 Antenna Systems, Inc.

Model No: 714ISPA



SPECIFICATIONS:

Model	714ISPA	Polarity	VERT / HORZ
Frequency Range	698-755 MHz	Power Handling	500 Watts
*Gain	14.0 dBi	Boom Length / Dia	43-1/2" / 1"
Front to back	23 dB	Stacking Distance	30"
Feed Impedance	50 Ohms Unbalanced	Mast Size	1-1/4" to 2"
VSWR	1.3:1 TYPICAL	Wind area / Survival	0.4 Sq. Ft. / 100MPH
Input Connector	"N" Female	Weight / Ship Wt.	4 Lbs. / 5 Lbs.

***Subtract 2.14 from dBi for dBd**

FEATURES:

The **714ISPA** 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 **714ISPA**, 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.

Originally designed for the lower commercial services band from 698-746 MHz (CH52-CH59). The product can be adapted for the upper commercial services bands including 746-763 MHz (CH60-CH62) and 776-788 MHz (CH65-CH66). Future designs are being looked at for the lower public safety band covering 763-775 MHz (CH63-CH64) and the upper public safety bands 793-805 MHz (CH68-CH69). If you are in need of a custom design in the 700 MHz band, please give us a call so we can help you with your requirements.

714ISPA ASSEMBLY MANUAL

714ISPA PARTS & HARDWARE

DESCRIPTION.....	QTY
714ISPA BOOM ASSEMBLY	1
FOLDED DIPOLE ASSEMBLY	1
ASSEMBLY MANUAL	1

IN HARDWARE BAGS:

UNI-CRADLE, (M2AMC0075)	1
UNI-CRADLE, (M2AMC0076)	2
BOLT, 1/4-20 X 2-1/2", FULL THREAD, SS.....	4
BOLT, 1/4-20 X 1-1/2", SS	2
SCREW, 8-32 X 1-1/4", SS	1

Carefully Manufactured by:

M² ANTENNA SYSTEMS, INC.

4402 N. SELLAND AVE.

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