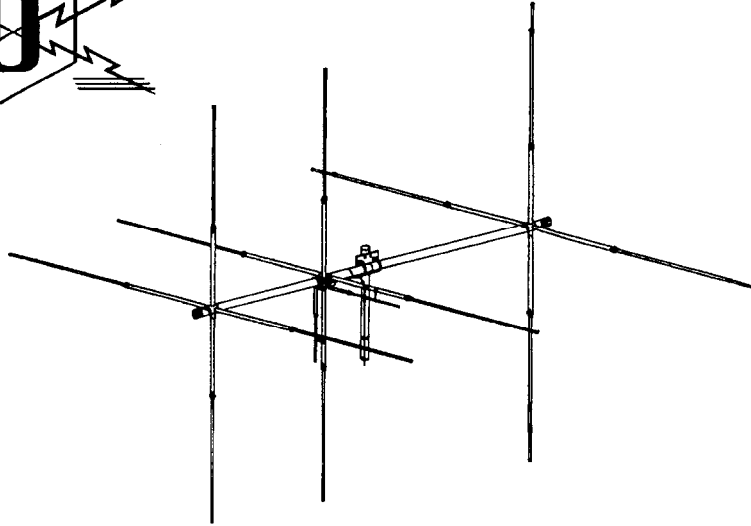




NEW



M103-HV

Your new MACO 103HV MAXIBEAM is a new innovation in base station beam design which enables the vertical and horizontal to be assembled for either 10 or 11 meters.

For example, using the charts supplied, you can assemble the horizontal for 11 meters and the vertical for 10 meters or reverse this or assemble both the same. It does not matter. The vertical and the horizontal do not affect each other.

THE ONLY DIFFERENCE BETWEEN THE HV BEAMS AND THE INSTRUCTIONS INCLUDED IS THAT THE HV BEAM HAS BOTH SETS OF ELEMENTS ON THE SAME BOOM.

PLEASE ADD THE FOLLOWING INSTRUCTIONS TO THOSE SUPPLIED:

**MOUNT THE FIRST REFLECTOR WITH THE U-BOLT FACING THE REAR.
MOUNT ITS MATE WITH THE U-BOLT FACING THE FRONT OF THE BEAM.
THIS IS SO THE VERTICAL AND HORIZONTAL ELEMENTS WILL BE CLOSE TOGETHER.
DO THE SAME WITH ALL ELEMENTS AND MEASURE THE SPACING ONLY ONCE PER SET OF ELEMENTS.**

THAT'S IT. HAVE AT IT!

IF YOU HAVE ANY PROBLEMS OR QUESTIONS PLEASE CALL 901-794-9494
9 AM TO 5 PM (CENTRAL TIME)
WE'RE HERE TO HELP IF YOU NEED IT!

MACO M103-HV

PARTS LIST

<u>PART</u>	<u>QTY</u>	<u>O.D.</u>	<u>SIZE</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>	<u>CHECKLIST</u>
G01P	2				GAMMA MATCH	_____
T59P	1	1-1/2"	.050"	72"	ALUM. TUBING SWAGED ONE END 6"	_____
T11P	6	5/8"	.050"	72"	ALUM. TUBING SLOTTED BOTH ENDS	_____
T04P	4	1/2"	.035"	80-1/2"	ALUM. TUBING	_____
T28P	1	1-1/2"	.050"	72"	ALUM. TUBING	_____
TO1	8	1/2"	.050"	72"	ALUM. TUBING	_____
P03P	1		5x1/4"	5"	PLATE 1-1/2" BOOM TO 1-1/2" MAST	_____
BE1P	6				BOOM TO ELEMENT MOUNTS	_____
<u>HARDWARE BAG #1</u>						
N01	24		5/16"		HEX NUTS	_____
N02	24		5/16"		LOCKWASHERS	_____
W58P	12		5/8"		EXTRUDED ALUM. CLAMPS	_____
s21	22		1 0-24		MACHINE SCREWS	_____
PL2	12		.437"	1/2"	PLASTIC CAPS - BLACK	_____
N11	24		1 0-24		SQUARE NUTS	_____
Z02P	4		1/2"		GAMMA STRAPS	_____
Z08P	4			4"	GAMMA STRAPS F/COAX. CONNECTS	_____
S42	2				FEMALE COAX CONN. W/MOUNTING NUT	_____
N12	6		#10		LOCKWASHERS	_____
PL4	1		1-1/2"		PLASTIC CAPS - BLACK	_____
PL4R	1		1-1/2"		PLASTIC CAPS - RED	_____
<u>HARDWARE BAG #2</u>						
uo2	12		1-1/2"		PLATED U-BOLTS	_____
so2	12		1-1/2"		PLATED SADDLES	_____
M103C	1				SET OF INSTRUCTIONS	_____

WHEN ORDERING REPLACEMENT PARTS, ALWAYS GIVE PART NUMBER AND DESCRIPTION.

PLEASE NOTE: In an effort to keep the price on Maco Antennas down, we have decided not to clean up all the burrs and rough edges on the parts. We recommend that you deburr and clean up each part with files, sandpaper, etc. so that they go together easily. We are aware this needs to be done, but have elected not to do it to save you the money we would have to add to the price of the kit for this service.