



VHF/UHF DUAL BAND BASE ANTENNA

MODEL : UVS-100

Specifications

GAIN	4.5 dB (2M BAND) or 7.2 dB (70 cm BAND)
VSWR	Less than 1.5:1
FREQUENCY RANGE	144 - 148 (2M BAND) / 430 -440 MHz (70cm BAND) or 144 - 148 (2M BAND) / 440 -450 MHz (70cm BAND)
POLARIZATION	Vertical
IMPEDANCE	50 Ohm
POWER CAPACITY	200 Watts
CONNECTOR	SO-239
OVERALL LENGTH	1.85 M

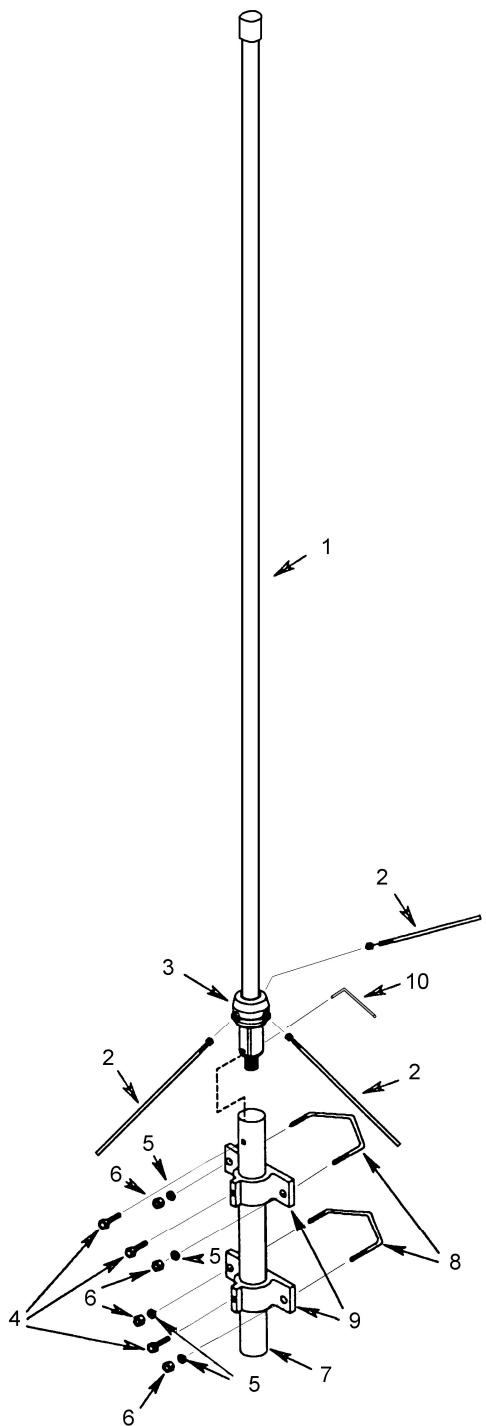
Assembly

1. Refer to the drawing (rear side of this instruction).
2. Put the locking nut and washer onto the ground plane radials, then screw the three radials(part #2) into threaded holes on the metal antenna base(part #3) and tighten them by fingers. Secure the radials by tightening locking nuts with wrench.
3. Secure supporting pipe (part #7) to mounting pole (not included) in desired location using brackets (part #9), U-bolts (part #8), locking screws (part #4), locking washers (part #5), and locking nuts(part #6) supplied. Tighten them securely with a wrench or screw driver .
4. Run up the cable from radio through supporting pipe (part #7) and screw PL-259 on cable end tightly onto SO-239 connector at the bottom of antenna. Assemble antenna into support pipe with open threaded hole turned so that it will align with hole on support pipe for locking screw. Screw the locking screw (part #4) into hole and tighten it securely with wrench or screw driver .

Adjustment

No adjustment is necessary. Your UVS-100 is pre-aligned at the factory for 144 - 148 MHz and 430 - 440 MHz or 144 - 148 MHz and 440 - 450 MHz

UVS-100 VHF/UHF DUAL BAND BASE STATION ANTENNA



PARTS LIST

NO	DESCRIPTION	Q'TY
1	OUTER TUBE	1
2	RADIALS & NUT,SPRING WASHER	3
3	MAST	1
4	LOCKING SCREW	3
5	LOCKING WASHER	4
6	NUT	4
7	SUPPORTING PIPE	1
8	U-BOLT	2
9	BRACKET	2
10	WRENCH	1

MADE IN TAIWAN