

Lightweight & Compact Antenna Tuner

Long Wire and 50 Ω Antennas Compatible

Wide Frequency Coverage

Provides matching across all bands from 1.8 MHz (160 m) to 50 MHz (6 m)*, enabling efficient multiband operation with a single wire antenna. Ideal for portable and field operations where quick antenna setup is essential.

* A ground connection is required. Tuning may not be possible, depending on the environment and conditions.

SO-239 Connector for 50 Ω Antenna

Both long wire and 50 Ω antennas, such as verticals and dipoles, can be used* and are selectable with a switch.

* Do not connect two antennas at the same time to prevent damage to the antenna tuner during transmission.

Compact Body for Portable Operation

The same compact size as the AH-4, 50%* smaller and lighter than the AH-730. Cables can be connected without opening the cover, enabling quick and easy installation.

* Approximately

High Speed Tuning

Simply press the “TUNER” switch on the connected transceiver for fully automatic tuning in 2–3 seconds. The 200-channel memory stores matching settings, enabling re-tuning at the same frequency in approximately one second.

Minimized Interference During Tuning

During tuning, the AH-6 reduces RF output to approximately 0.3 W through the attenuator, minimizing interference with other stations.

IP54 Rugged Construction

The body is made of a high-rigidity resin. With a water-resistant structure that includes weather resistance and protection against salt damage, it can be safely used in various outdoor locations.



AH-6

SPECIFICATIONS

Frequency coverage	Wire antenna	1.8 MHz ~ 54 MHz (with a 30 m or longer)
	50 Ω antenna	3.5 MHz ~ 54 MHz (with a 7 m or longer)
		1.8 ~ 54 MHz (16.7 ~ 150 Ω)
Maximum input power	120 W	
Tuning power required	5 ~ 15 W (10 W rated)	
Input impedance	50 Ω	
Power supply requirement	13.8 V DC±15% (supplied from transceiver)	
Current drain	0.6 A or less	
Tuning accuracy	VSWR 2.0 : 1 or less (except for multiples of ½λ)	
Number of memory channel	200 ch	
Tuning time	Average 2 to 3 seconds (maximum 15 seconds)	
Operating temperature range	-10°C ~ +60°C	
Weight	1.25 kg (approximately)	
Dimensions (W×H×D, projections not included)	172 × 230 × 71 mm	

Applicable IP Rating	
Ingress Protection Standard	
IP rating	IP54 (Dust-protection and water resistant)

All stated specifications are subject to change without notice or obligation.

INSTALLATION EXAMPLES

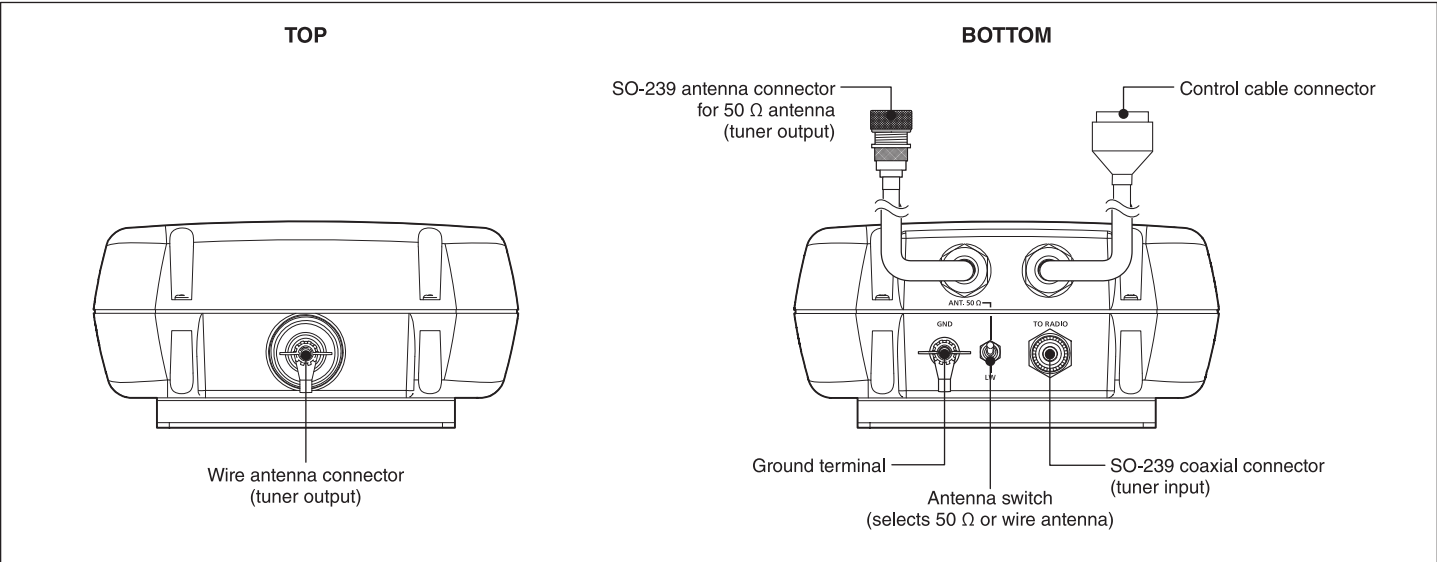


50 Ω antenna



Long wire antenna

PANEL VIEW



COMPATIBLE TRANSCEIVERS

IC-7610, IC-7760*, IC-7300MK2, and IC-718 (as of May 2026)
* When the AH-6 is connected to the IC-7760, output power of the specified antenna terminal is automatically set to 100 W or less

SUPPLIED ACCESSORIES

- Control cable (10 m)
- Mounting kit (U-bolts and plates)

OPTIONAL ACCESSORIES

OPC-1465
SHIELDED CONTROL CABLE (10 m)
Same as supplied.



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Icom Inc. 1-1-32, Kamiminami, Hirano-Ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 For the latest information, please visit www.icomjapan.com

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