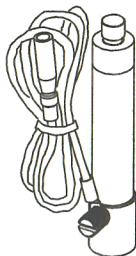


Instruction Manual

Thank you for purchasing our products.
This product can operate in the 2m-band by connecting the HFJ-2m matching coil to the HFJ-350M telescopic element.



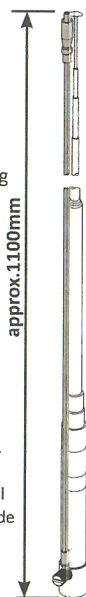
COMET CO., LTD.

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【How to use】

- ① Connect the HFJ-350M telescopic element to the HFJ-2m.
- ② The length of the element is adjusted by aligning and stretching the ends of the scale wire.

- There is no problem in operation if the scale wire is attached during operation, but the wire should be removed and what is more, turning the knurled screw.
- By removing the scale wire and connecting it to the ground terminal of the HFJ-350M's power feed section, you can use it as an extension terminal that allows you to connect a homemade radial wire (counterpoise) to the tip bullet terminal.



⚠ Handling and operation precautions

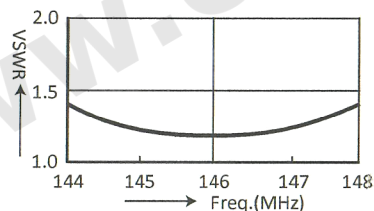
- When installing or removing the antenna or adjusting the element, be careful not to open your eyes at the end of the rod.
- Do not touch the antenna during and immediately after transmission. The fever can cause burns.
- Change the location of the antenna if there are obstacles near the location. It can cause trouble with a VSWR and a resonance frequency.
- When extending the rod, always keep in mind that there are no obstacles in the height direction.
- Do not use when the surface is wet, and use completely dry.

⚠ Caution

- This product is designed for amateur radio communication only.
- Do not use the product with an output higher than the specified value. It leads to heat generation and damage.
- During continuous output, there is a possibility of element heat and deterioration of SWR. In that case, please reduce the output or increase the output interval.
- Adjust an antenna correctly. It leads to heat generation and damage if SWR is not suitable.
- Repairs and modifications by the customer themselves may cause damage.
- If the telescopic element is bent, it is impossible to repair. Please handle it carefully.
- The telescopic element is not waterproof. When used in the rain, there is a possibility of water entering the telescopic element. It leads to bad SWR. In that case, please dry thoroughly before using the telescopic element.

【SWR value on adjustment】

The wire length for the scale is the length to be in tune with **146MHz**, so please refer to it.



【Amount of change per 1cm (standard value)】

Change in telescopic element per cm (estimated value)
: approx. 500 kHz

【Specifications】

Frequency	144 to 148MHz
Antenna type	1/2λ non-radial
Gain	approx. 2.14dBi
Impedance	50Ω
VSWR	1.5 or less
Max.Input Power	Peak:50W / Ave.20W
Length	w/ telescopic element Length : approx.1100mm Only extension coil: approx. 94mm
Weight	approx. 70g (Body)

【Inspection and maintenance】

- If a phenomenon that seems to be abnormal occurs, stop using it immediately and check the cause. If you cannot find the cause, please contact the store where you purchased the product.
- Check the SWR of the antenna before operation to confirm that it is working properly.
- Periodically check the mounting screws and metal fittings for looseness, and retighten loose parts.

【After-sales service】

- Replacement parts are available for damage to each part due to an unexpected accident, deterioration due to long-term use, and replacement. Please contact the store where you purchased the product.
- For installation and assembly methods and other technical questions, please contact our service staff.

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