

# CTC-50M

## Instruction Manual

Thank you for purchasing COMET window feed-thru jumper CTC-50M.  
Please read this instructions carefully before using this product. Keep this in safe place.

### ◆Features

- The CTC-50M avoids drilling holes through the wall to route coax indoors from an outside antenna.
- Low loss SO-239 ( M-J type ) connector are used.
- Use any grade 50Ω impedance coax to attach to the CTC-50M.

### ◆Caution

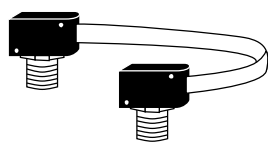
- Choose a window which is seldomly used.
- Before setting this cable up to the frame, check if this fits to the frame without disturbing the window's function or damaging the cable.

### ◆Specifications

Frequency : DC~1300MHz  
 Max. power : DC~50MHz 100W(PEP)  
                   144MHz 60W(FM)  
                   430MHz 40W(FM)  
                   1200MHz 10W(FM)  
 V. S W R : < 500MHz Less than 1.3 : 1  
                   > 500MHz Less than 1.5 : 1  
 Impedance : 50Ω  
 Insertion loss : DC~ 500MHz Less than 0.5dB  
                   500~900MHz Less than 1.3dB  
                   900~1300MHz Less than 1.8dB  
 Connector : SO-239 (M-Jack [ female ] type)  
 Total length : Approx 50cm  
 Weight : Approx 132g

#### ※ Confirm a parts

- Main cable



- Double-faced tape 2pcs.

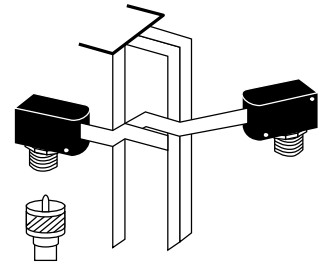


- Screw 4pcs.



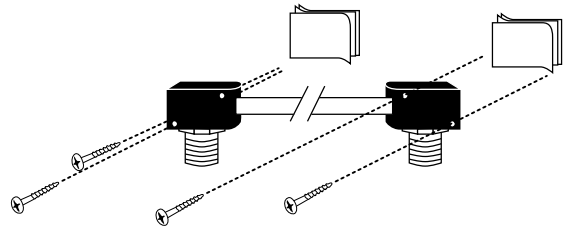
### ◆Installation

① It is important to the use the double-faced tape or the screw (or both) included with the CTC-50M to secure the jumper to the wall before use.



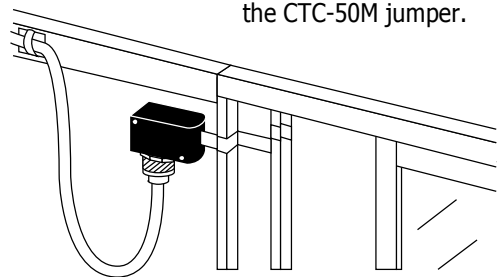
② Clean the surface of dust, loose paint, etc... before using the tape.

③ Place the CTC-50M along the window frame and close the window before securing the CTC-50M in place with the tape and/or screws. Attaching the jumper and closing the window before confirming the window will close completely may damage the jumper.



④ Be sure to M-plug connectors on your coax to screw into the M-jack connectors on the CTC-50M.

⑤ Attach your coax cable to the wall securely making sure to avoid any pressure on the CTC-50M jumper.



### ⚠ Warning

- The copper-clad steel center core is highly resistant to metal fatiguer but is not indestructible.
- Please use care when opening and closing the window or door where the CTC-50M is located.

※Please follow the instructions, otherwise we are not on responsible on any damages occurred.

●We have the right to change the model without notice.