

Model CF-706

Duplexer for 50(1.3-56)MHz & 144(75-550)MHz

**Features:**

- \* Model CF-706 is the duplexer for transmitting/receiving both 50MHz(HF bands) and 144MHz(FM/VHF bands), also UHF bands, in one time.
- \* As shown in the below Examples, you can set up your own radio station, using one or two CF-706, from antennas to transceivers.
- \* RX-bands are wide, 73 - 550MHz, which allows receiving FM-Radio, Air Band, both VHF/UHF amateur bands, plus VHF/UHF commercial bands.
- \* The involved high quality filters are effective for preventing TVI and BCI.
- \* The isolation between 2 connectors is more than 40dB.
- \* In case of using CF-706 for one frequency, the other connector-end can remain as -open-.
- \* Insertion loss is extremely low, 0.4dB.

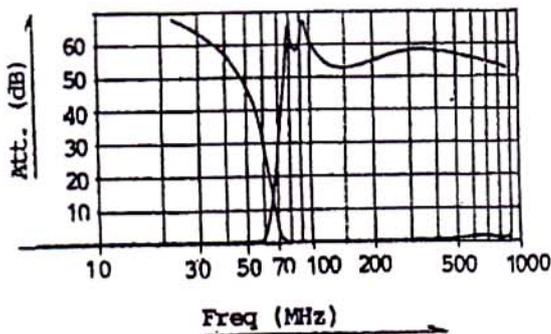
**Specifications:**

|                        |                             |
|------------------------|-----------------------------|
| Band-pass TX frequency | : 1.3-56MHz/less than 0.4dB |
| and in-put loss        | 75-550MHz/less than 0.4dB   |
| In-put Power           | : 350W PEP Max.             |
| Isolation              | : More than 40dB            |
| Impedance              | : 50 ohm                    |
| Connectors - COM       | : SO239 (M-J)               |
| - HIGH/LOW             | : PL259 (M-P) w/cable 360mm |
| Weight                 | : 300g                      |
| Measurement            | : 90W x 26H x 66D           |

**Before Operation:**

- \* Before wiring, please check V.SWR of the antennas. Proposed VSWR of the antennas is less than 1.5.
- \* Please use high quality coax. cable like 5D2V, 8D2V etc. of 50 ohm standard.

**Band-Pass Characters:**



**Remarks:**

- \* CF-706 is developed for in-door use. For out-door use, sufficient water-proof works is required.
- \* Please keep the unit away from direct sun-shine, to prevent over-heating.
- \* Please refrain from opening the back cover, which may change/damage the original quality.

**Examples:**

