

## MODEL CF-530 Type A & C

Duplexer  
for 50,144MHz

### Instruction Manual

Thank you for your purchasing our product.

Model CF-530 is the duplexer for transmitting/receiving all 2 bands of 50MHz and 144MHz at the same time. Using one, or two CF-530, you can connect transceivers and antennas by one coaxial cable.

The combined high quality filters of CF-530 work to prevent occurrence of TVI on the othe hand. (Isolation of each connectors are over 45dB.)

When using CF-530 for one frequency, the other connectors can be remain as [open] , but additional dummy load will be much better.

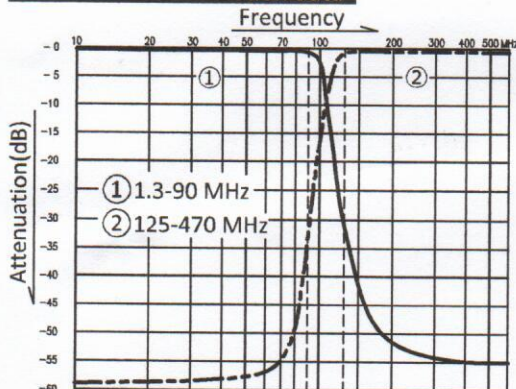
#### ◆ Specifications

- Band pass Frequency & insertion loss  
1.3 ~ 90MHz / 0.2dB or less  
125 ~ 470MHz / 0.3dB or less
- Impedance : 50Ω
- VSWR : 1.2 or less
- Max. Input power : 1.3 ~ 90MHz / 600W  
125 ~ 470MHz / 600W
- Isolation : more than 45dB
- Weight : approx.0.3kg
- Dimension : 66(W)×90(D)×26(H) [mm]

#### ■ Connector

- Type A : COM port : M-J(SO-239)  
Low band : M-P(PL-259) w/ coax.  
High band : M-P(PL-259) w/ coax.
- Type C : COM port : M-P(PL-259) w/ coax.  
Low band : M-J(SO-239)  
High band : M-J(SO-239)

#### ■ Attenuation & Isolation data



#### ⚠ Note:

- ◆ CF-530 is for mobile and indoor use.
- For outdoor use, sufficient water-proof works is required.

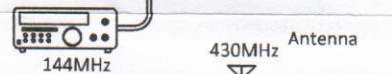
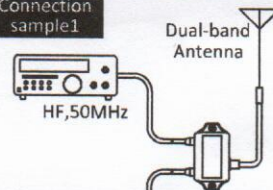
#### 【After-Sales Service】

We provide the replacement parts for the damages by unintentional accidents or for deterioration with long-term use. Please ask the local shop you purchased this product.

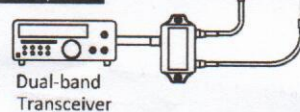
This product is made under the stringent quality control. Should there be any breakage in transit, please do not hesitate to contact the shop you purchased this product.

◆ Appearance and specifications are subject to change without notice.

#### Connection sample1



#### Connection sample2



#### Connection sample3

