



OPERATION MANUAL  
**Model CFX-431** Triplexer  
 for 144, 430 and 1200MHz

Type A

Model CFX-431 is Triplexer for Transmitting/Receiving all 3 bands of 144, 430 and 1200MHz at the same time. Using one, or two CFX-431, you can connect transceivers and antennas by one coaxial cable.

The combined high quality filters of CFX-431 work to prevent occurrence of TVI on the other hand. (Isolation of each connectors are over 50DB.)

When using CFX-431 for one or two frequency, the other connectors can be remain as -open-, but additional dummy load will be much better.

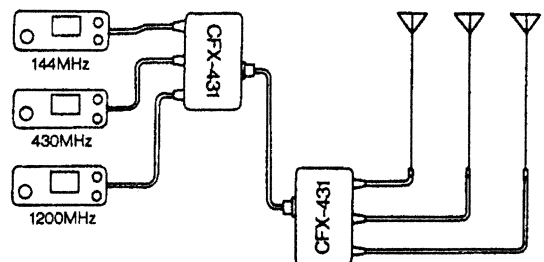
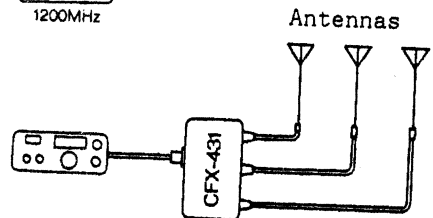
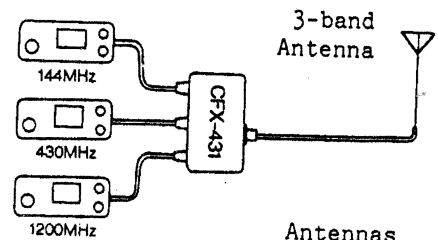
Specifications:

Band-pass frequency : (1) 1.3-150MHz  
 and in-put loss        Less than 0.2dB  
                               (2) 400-500MHz  
                                       Less than 0.3dB  
                               (3) 900-1400MHz  
                                       Less than 0.4dB

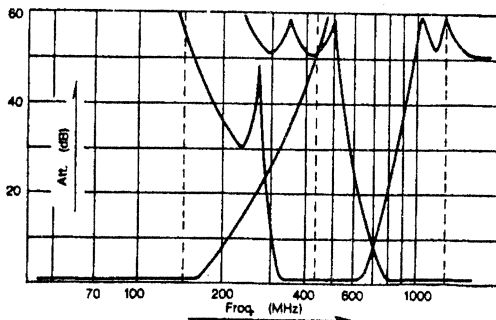
Impedance                : 50 ohm  
 V. SWR                    : Less than 1: 1.2  
 Max. Power             : (1) 1.3-60MHz 1000W PEP  
                               (2) 100-150" 800W PEP  
                               (3) 400-500" 500W PEP  
                               (4) 900-1400" 200W PEP

Connectors             : N-R                        1pce.  
                               M-P w/5D2V            1 "  
                               N-P w/5D2V            2pcs.

Examples:



Isolation:



Note: CFX-431 is for mobile and in-door use. For out-door use, sufficient water-proof works is requested.