



OPERATION MANUAL

Twin Cavity Type !

Model CF-416

High Power use DUPLEXER for 144(or HF-50MHz)/430MHz

Model CF-416 is the Duplexer for transmitting/receiving both 144 and 430MHz in one time. Combined high grade filters work for preventing TVI at the same time. The isolation between 2 connectors is more than 60dB.

In case of using CF-416 for one frequency, the other end can be remain as -open-, but additional Dummy-Load will be better.

Specifications:

Band-pass frequency & in-put loss: 1.3 - 150MHz / Less than 0.15dB
400 - 540MHz / Less than 0.25dB

Impedance : 50 ohm
V.SWR : Less than 1 : 1.2
Max. in-put : 1.3 -60MHz/ 1000W
Power (PEP) : 100-150MHz/ 800W
400-540MHz/ 500W
Measurement : W51 x D64 x H26mm

Connectors:

CF-416 ANT/M-R H-VHF/MP UHF/MP
CF-416MN -do- -do- UHF/NP
CF-416N-MN ANT.NR -do- -do-

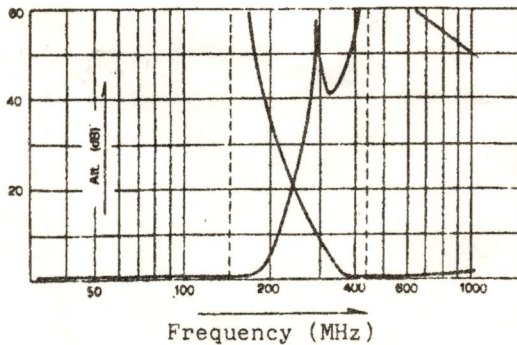
With 5D2V coax. 360mm.

Note:

CF-416 is developed for in-door use. Then, for out-door use, necessary water-proof works are required.

CF-4160 is same Duplexer as CF-416, but has no coax. cable.

Band-Pass Characters:



Examples :

