

CF-416 (CF-4160)

High Power use DUPLEXER for 144 (or HF-50MHz) / 430MHz **Twin Cavity Type**

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 connector 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 : 1.3 - 170MHz / Less than 0.15dB
- & in-put loss : 350 - 540MHz / Less than 0.25dB
- Impedance : 50 Ω
- V. SWR : Less than 1 : 1.2
- Max. input : 1.3 - 60MHz / 1000W PEP
- Power (PEP) : 100 - 170MHz / 800W PEP
- : 350 - 540MHz / 500W PEP

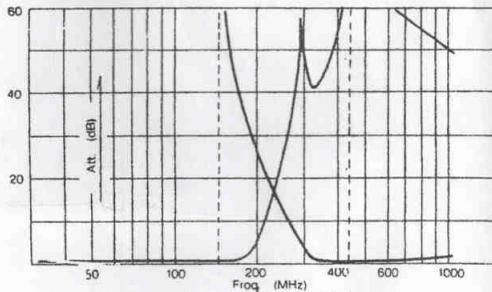
Connectors :

- CF-416 A MJ-MP / MP (W / coax.)
- CF-416 B MJ-MP / NP (W / coax.)
- CF-416 C NJ-MP / NP (W / coax.)

With 5D-2V 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.
- ★ CF-416 C can use for 1200MHz



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