

IF Filters


Filters for Second (or Final) IF

75 Ohms, Type F Connectors, Cypher Compatible

Notch filters in the final IF stage suppress light to medium TI, and will often cure heavy TI, including intermittent "wipe-outs." 4 GHz TI-carriers downconvert to ± 10 MHz from the final IF center frequency and are suppressed with notch filters tuned to these IF frequencies. Single frequency series 6367 notch filters are available for all IF bands in current use. Correspondingly, series 4616 tunable, switchable filter assemblies contain both notches. For the popular 70 MHz IF band, low cost, fixed-tuned notches are available for 60 MHz & 80 MHz (5KVseries).

TVRO PRODUCTS

Tunable



Insert specific IF interference frequency (*): Offset 10 MHz from IF for pretuned notch. Notch loss shown for 3 MHz bandwidth.


If you want to tune the filter yourself order:

Model	Tunable	Notch (dB)
F6367-2	50-108	26
F6367-3	108-216	23
F6367-4	216-450	23
F6367-5	450-900	16

(3 dB Bandwidth adjustable 1 to 5 MHz)

F6367-(*) (3)
Notches for other IF 70 to 612 MHz

CYPHER COMPATIBLE INTERFERENCE TRAPS




Switchable

15 dB Notch 3 MHz BW₃
4616-(*)

***Insert IF Frequency**


70 to 140 MHz



4616U-(*)

230 to 700 MHz

4616 contains two switchable traps: one at +10 MHz and one at -10 MHz relative to IF center frequency.




Fixed Tuned

Notches for 70 MHz IF


5KV-80
5KV-60
5KVD-60/80

50 dB Notch, 4 MHz BW₃



Bandpass Filters


75 Ohms, Type F Connectors



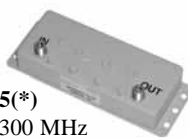
3771-15(*)
45, 70 MHz

Fixed

(*) Insert IF Frequency




3278-15-(*)
360 to 700 MHz




3160-15(*)
130 to 300 MHz

Switchable In-Out



4612-15(*)
45 to 150 MHz



4612U-15-(*)
230 to 700 MHz

IF 3 dB bandwidth, 15 MHz minimum for half-transponder reception or to boost weak signal above noise.

Loss at center frequency 3 dB maximum.