

# Communication IF Filters – 70MHz/140MHz/Custom Band Pass - Low Loss – very Low Group Delay - Passive

## Low Loss, Very Low Group Delay, ALL Passive Band Pass IF Filters for IF Communications

A family of Highly Selective ALL Passive Band Pass Filters for Radio and Satellite Communications. These filters are individually housed in a shielded enclosure, with customer selection of optional 50Ω / 75Ω RF connectors. Group delay Equalized, this family permits the use of these filters in demanding MODEMS applications.

Optionally, Un-Equalized Band Pass Filters are also available. In addition, standalone Equalizers may also be provided.

Contact NewCore for your specific requirements and delivery information.



## Basic Features

- Typical In-Band loss  $\sim \leq 2\text{dB}$
- Out-Of-Band Rejection  $> 25\text{dB}$
- 50Ω / 75Ω Interfaces
- In-Band LIN Group Delay  $\leq 2\text{ns}$
- In-Band PAR Group Delay  $\leq 2\text{ns}$
- In-Band Return Loss 17 to 20dB

## Optional Features

- RF Connectors
  - 75Ω: F-Female
  - 50Ω: SMA-F
  - 50Ω / 75Ω BNC-F
- BW: 10% to 45% Typically

## Benefits

- Simplified Operation
  - Lab Applications
  - Field Applications
  - PCB Mountable
- Reduced Costs
  - Purchased as a Block
  - No Customer Tuning
  - Ease of integration



Website: [www.newcore.ca](http://www.newcore.ca)  
email: [info2@newcore.ca](mailto:info2@newcore.ca)

Telephone: 514-624-4458  
Fax.: 514-696-1733

Easy to use. Easy to Integrate. Call NewCore today for more Information.