

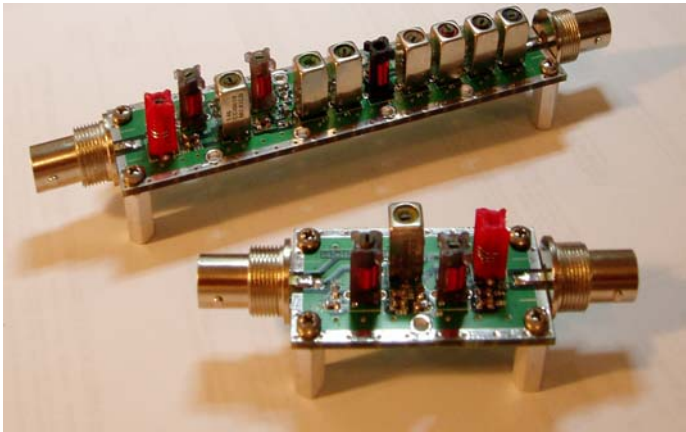
Communication IF Filters – 70MHz/140MHz/Custom Band Pass - Low Loss – very Low Group Delay - Passive

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

The NWT-FLT070-Axy, NWT-FLT140-Bxy, and NWT-FLTCST-Cxy are part of 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
- PCB Mountable
- No Tuning required

Optional Features

- RF Connectors
 - 75Ω: F-Female
 - 50Ω: SMA-F / N-M / N-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



www.newcore.ca

email: info2@newcore.ca

Telephone: 514-624-4458

Fax.: 514-696-1733

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