



Antenna FM Band pass Filters: CF7-FM and BP7-FM

CF7- FM

Model **CF7-FM** is designed to pass the FM band and attenuate most out-of-band signals, e.g., TV band. It provides >30 dB rejection \pm 10 MHz from pass band edges and >45dB rejection of the UHF band. CF7-ch.FM has 1.0 dB pass band insertion loss (1.5dB loss at 88 and 108 MHz).

Model **CF7-FM-LP** (CF7-FM + internal low pass), provides >70 dB out-of-band rejection from 100 to 1000 MHz.

Model CF7-FM can be customized to pass 15 to 25 MHz bandwidth, between 80 to 120 MHz, e.g, CF7-92/108 provides >20 dB rejection of ch.6 (88 MHz), and pass from 92-108.

BP7-FM

Model **BP7-CH.FM** is designed to pass FM band and suppress all signals outside the FM band. BP7-CH.FM provides >50 dB out-of band rejection \pm 6 MHz from pass band edges, >80dB rejection \pm 20 MHz from pass band edges, with 2 dB pass band insertion loss

General Info

- CF7 and BP7 FM filters connectors & impedance: F-type female, 75 ohms. Option - SMA, BNC, or N for 50 ohms
- FM bandpass filters can be cascaded with Notch filters for in-band filtering and/or sharper skirts.
- Temperature stability is -10° to +40° C
- RF Power handling is up to 10 watts
- Available in Indoor or outdoor enclosures
- Easy to install (no power or adjustments)
- Supplied with final production graphs.



CF7-CH.FM frequency response

