

UHF Coaxial Band-pass Filters

- Designed for broadcasting equipment especially digital broadcasting systems.
- Low loss on pass-bands and steep dumping properties out of pass-band.
- Small size CH BPFs are built in exciter circuits for analogue and digital Transmitters.
- Comb-line Input filters are mainly used for Coaxial Switches and Input Filter Equipment.
- Semi-Coaxial type Output Filters have features of High Power and High Q value for Output Switching Circuits of Transmitters, Feeder lines, and Channel Combiners. .

NIHON KOSHUHA has manufactured wide variety of LPF, HPF, BPF and BRF ranging from low power to high power.



TXB-U-CR-2004N



FL-NJ-B1006U



FL-NJ-3IB614



FL-NJ-3IB770



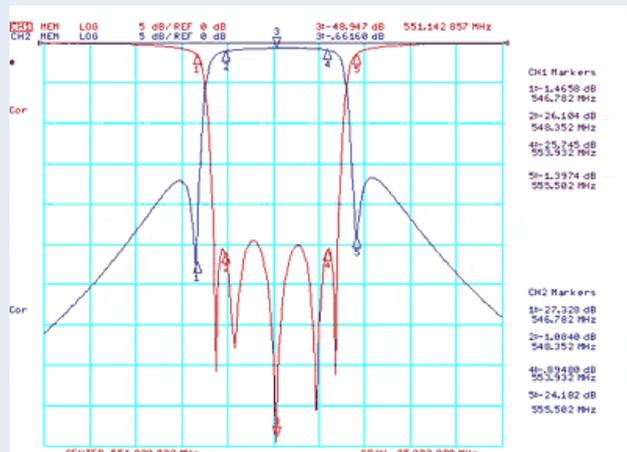
FL-BNCJ-4HB770



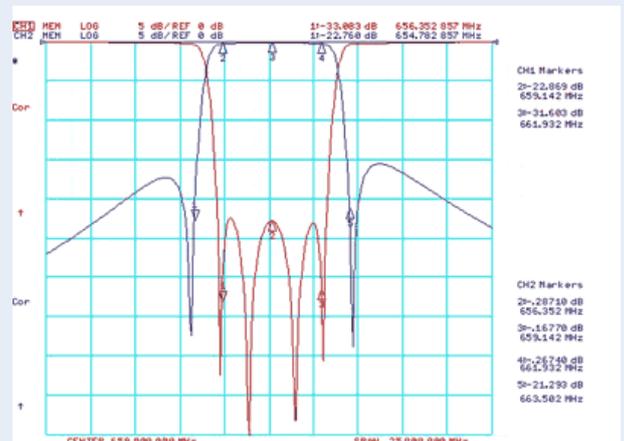
FL-BNCJ-4JB770

Item	CH BPF		INPUT FILTER		OUTPUT FILTER	
Model	FL-BNCJ-4HB770	FL-BNCJ-4JB770	FL-NJ-3IB614	FL-NJ-3IB770	FL-NJ-B1006U	TXB-U-CR-2004N
Frequency Range	Specified Channel in UHF TV band		470-614MHz	614-770MHz	Specified Channel in UHF TV band	
Band Width	Fc±2.79MHz					
Insertion Loss	3.0dB max at Fc	5.0dB max at Fc	1.5dB max at Fc		1.0dB max at Fc	0.5dB max at Fc
Ripple	1.0dB max					
VSWR	1.3 max					
Group Delay in band	300ns _{p-p} on Fc±2.79MHz					
Attenuation out of band	15dB max on Fc±9MHz		15dB min on Fc±4.36MHz			
			15dB min on Fc±6MHz~9MHz			
Power Ratings	1W max	1W max	50W max	50W max	100W max	500W max

Insertion Loss and Return Loss



FL-NJ-31B614



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