

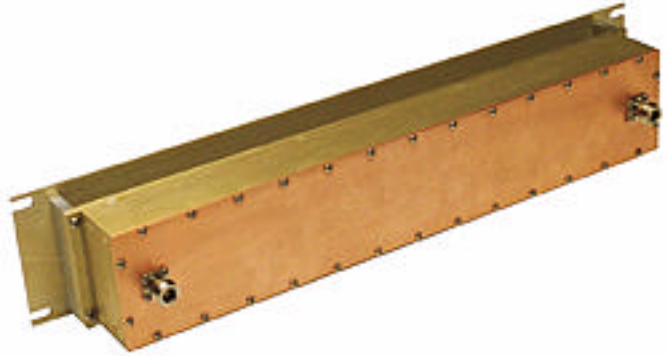
Comblin Bandpass Filters 806 to 821 MHz-6 poles

Angle Linear

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We have always promoted the idea that you can never have enough filtering because if you dont have any interference now, you probably will in the future. With this in mind Angle Linear has introduced a line of comblin Bandpass filters to compliment its already successful series of GaAs FET preamplifiers. In order to survive in todays hostile RF environment not only do you need low noise figure hi dynamic range amplifiers but also high performance band pass filtering. The more unwanted RF you can keep out of your receiver front end the better.



P/N CBP8621NR

Typical Performance:

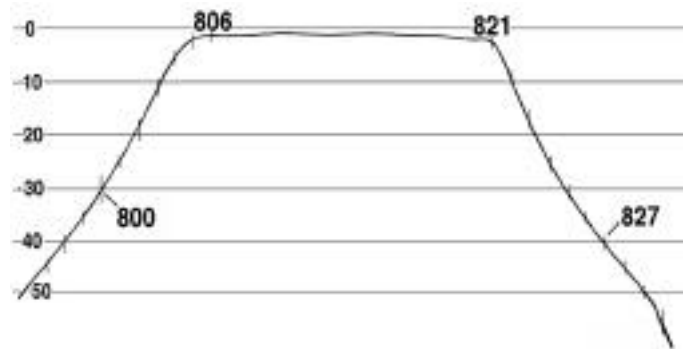
insertion loss: 1.0 dB

Return loss: >17 dB

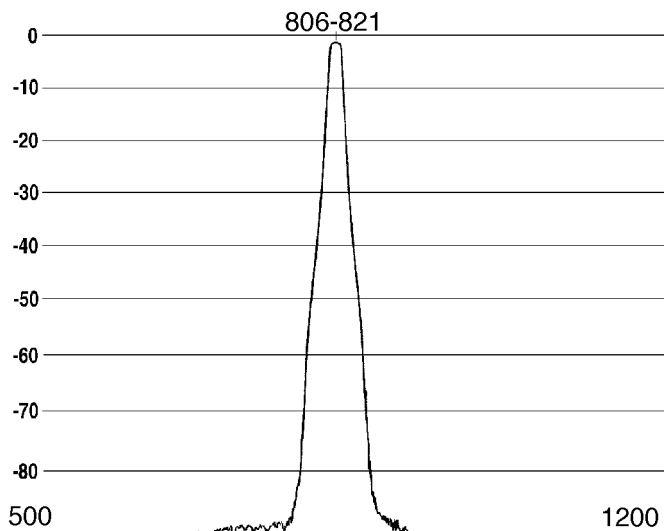
Rejection: >-85 dB @ 792 & 834 MHz

& >-90 dB 0 to 788 MHz

& >-90 dB 836 to 2500MHz



Construction is very rugged. The housing is made from 1/4 inch thick aluminum plate which is dip-braze welded. The resonator mounting surface is 1/8th Copper plate which is attached with 30 stainless screws. Units are available mounted to a 3.5 inch rack panel which is irradiated and screened.



Type N female connectors are standard but SMA & TNC are available. Auxiliary sub panels are available to mount GaAs FET preamplifiers and splitters for an intergrated front end assembly.