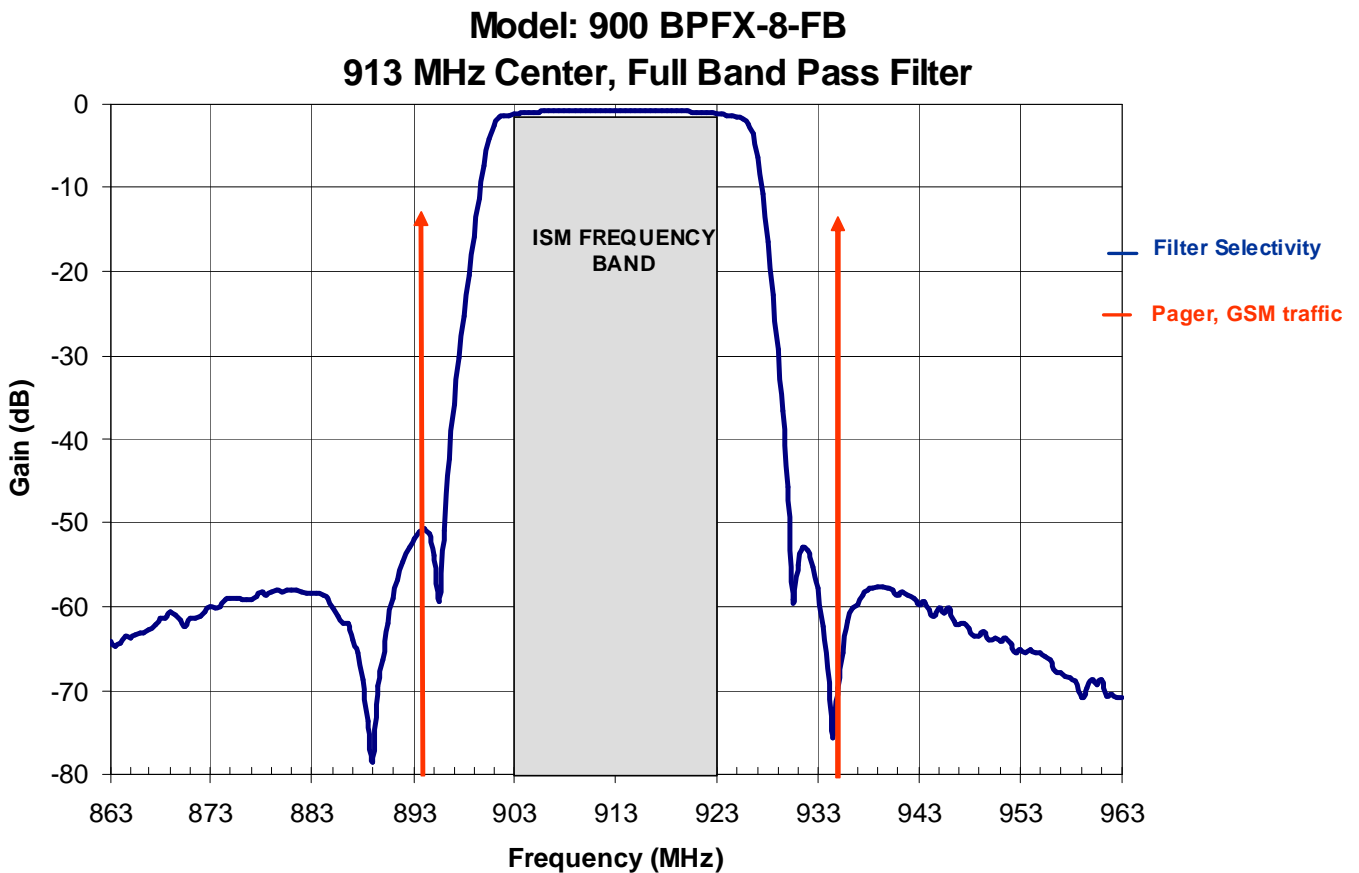




This Ultra-High Q BPF has 8 Poles of Cross Coupled Cavity Filtering yielding excellent selectivity. It's perfect for passing the 903-923MHz frequency band and has a pass-band IL <1.6dB. It's compact size, rugged waterproof aluminum construction and built in lightning protection make it ideal for RF Transmitter Clean-Up or minimizing pager and cellular interference.

Typical Selectivity:

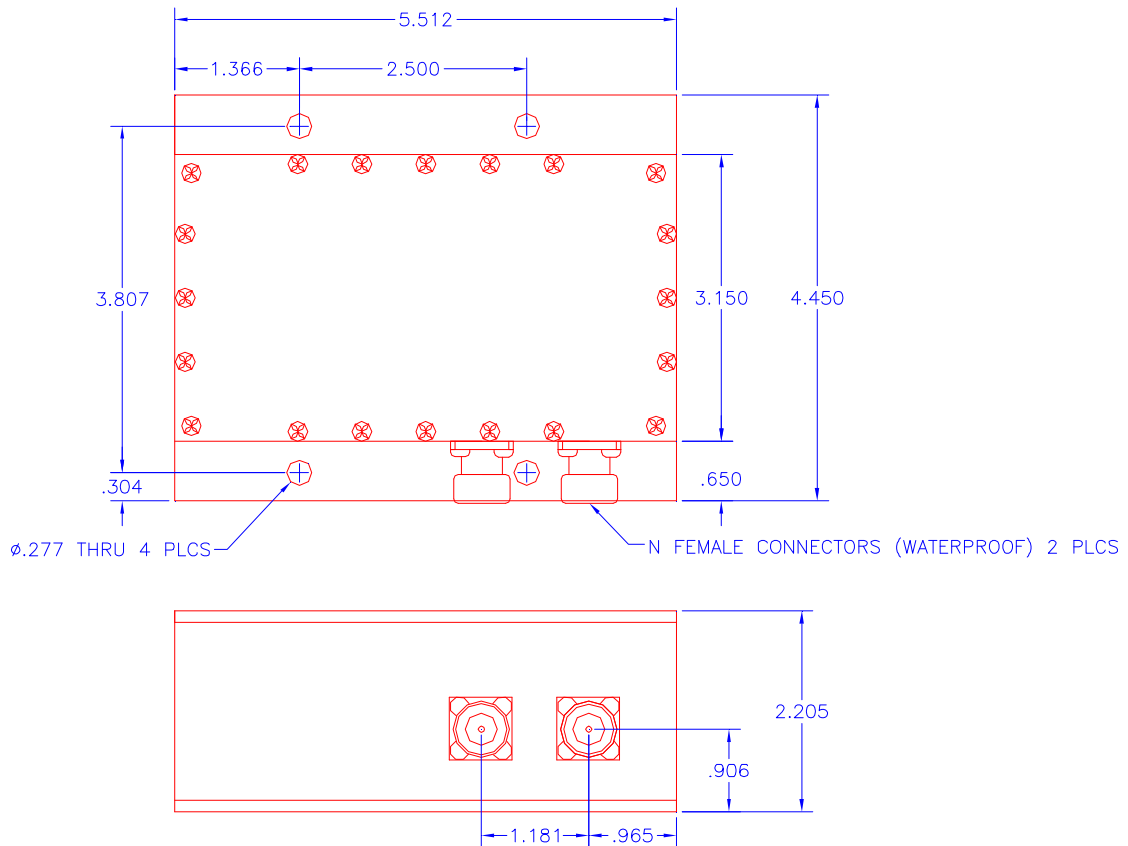


9017 Cincinnati Columbus Rd.
West Chester, Ohio 45069
PH: 513-777-2774

Typical Performance Parameters:

| | |
|-------------------------------|--|
| Frequency Pass Band: | 903-923 MHz |
| Number of Cavities: | 8 Poles with inter-stage cross coupling |
| Insertion Loss: | < 1.6 dB (In Passband) |
| Pass-band Ripple: | < 1dB |
| Bandwidth: | 3dB BW = 20MHz |
| Selectivity: | 20dB BW < 30MHz 40 dB BW < 36MHz (40dB @ 895MHz, 40dB @ 931MHz) |
| Return Loss: | > 15dB (18dB Typical) 50 Ohm in/out impedance |
| Harmonic Rejection: | > 90dBc |
| Power Handling: | 30 Watts |
| Operational Temp: | 0 to +50 Deg C |
| Size / RF Connectors: | 3.150" x 5.512 x 2.205" ("N" type Female Connectors) Includes "U" bolt mounting bracket and hardware |
| Weight: | 0.69 lbs |
| Chassis: | Waterproof Machined Aluminum Housing, Painted Black |
| Lightning Suppression: | Shunt inductive (DC Short) |

Mechanical Outline:



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