

BFA integrates a unique bank of filters along with a low noise amplifier. Filters and gain can be easily setup locally thru a 4 key navigation buttons and a TFT display or remotely with a data connection on the same RF coaxial cable.

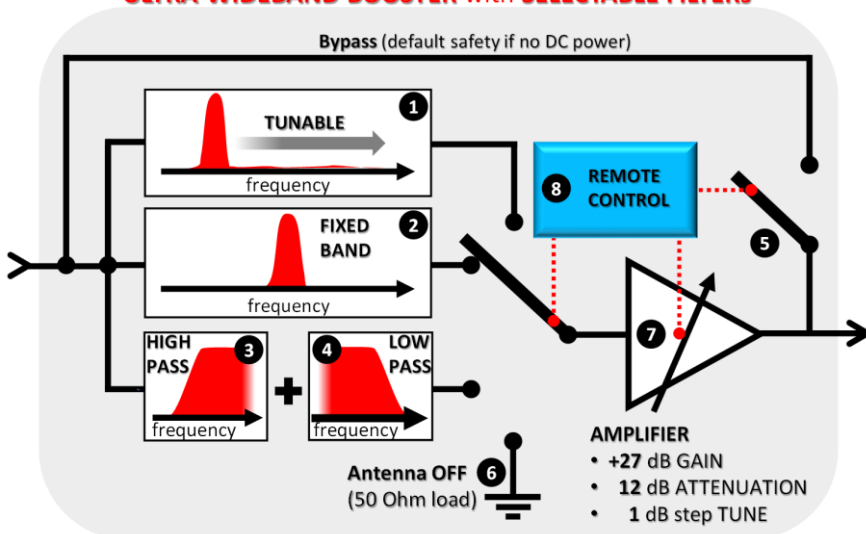
Using the latest Wisycom filter technology, BFA gives a full control of RF zones and allows to build flexible and remote controllable antenna systems.



Key Features

- ✓ Huge reception band: 410-1300 MHz
- ✓ RF gain from -12 to +27 dBu (1 dB step)
- ✓ Tunable filter for interference control
- ✓ Fixed band saw filter
- ✓ 3 High Pass & 3 Low Pass filters
- ✓ Remote controllable thru coax cable
- ✓ Easy configuration thru a TFT display
- ✓ Antenna off for RF zone disabling
- ✓ Pass thru DC selectable for device cascading
- ✓ Waterproof with gasket sealing

ULTRA-WIDEBAND BOOSTER with SELECTABLE FILTERS



- 1 Tunable filter 410-730 (40 MHz wide)
- 2 Fixed band saw filter: 940-960 MHz (Usa) or 1240-1260 (Japan)
- 3 High pass filter (410/470/510 MHz) and low pass filter (600/700/810 MHz) CASCADE (9 bandpass combinations)
- 5 Bypass line for full band reception (active mode if no DC power for safety)
- 6 Antenna off for zone control
- 7 Gain control from -12 dB to 27 dB
- 8 Remote control with a data link running on coaxial cable

SPECIFICATIONS

BOOSTER

- Control: display menu or remote thru coaxial cable
- Gain: -12÷27 dB typical (1 dB step selection)
- Gain flatness: +/-1 dB
- Powering: +12 Vdc / 100mA
- Full bandwidth Bypass (0.8dB attenuation) and RF OFF function

FILTER

- Tunable: 410 ÷ 730 MHz (UHF), 40MHz of BW
- Fixed: 940 ÷ 960 MHz or 1240 ÷ 1260MHz
- Selectable band pass filter: HP 410/470/510 MHz, LP 600/700/810 MHz (other see filter option)

MECHANICAL

- Connectors: BNC-F (BFA-B), N-F (BFA-N)
- Display: TFT – transfective (176 x 176 pixels, RGB)
- Weight: 250 g

VARIANTS

BFA-<Connector>-<FilterOption>

<Connector>

B BNC female connector

N N female connector

<FilterOption>: Selectable Filter • Fixed Filter:

F1 TUN:410-730MHz • HP: 410/470/510 MHz + LP: 600/700/810 MH • 940 ÷ 960 MHz (Europe/Usa)

F2 TUN:410-730MHz • HP: 470/520/550 MHz + LP: 617/663/698 MH • 940 ÷ 960 MHz (Europe/Usa)

F3 TUN:410-730MHz • HP: 410/470/510 MHz + LP: 600/714/810 MH • 1240 ÷ 1260MHz (for Japan)