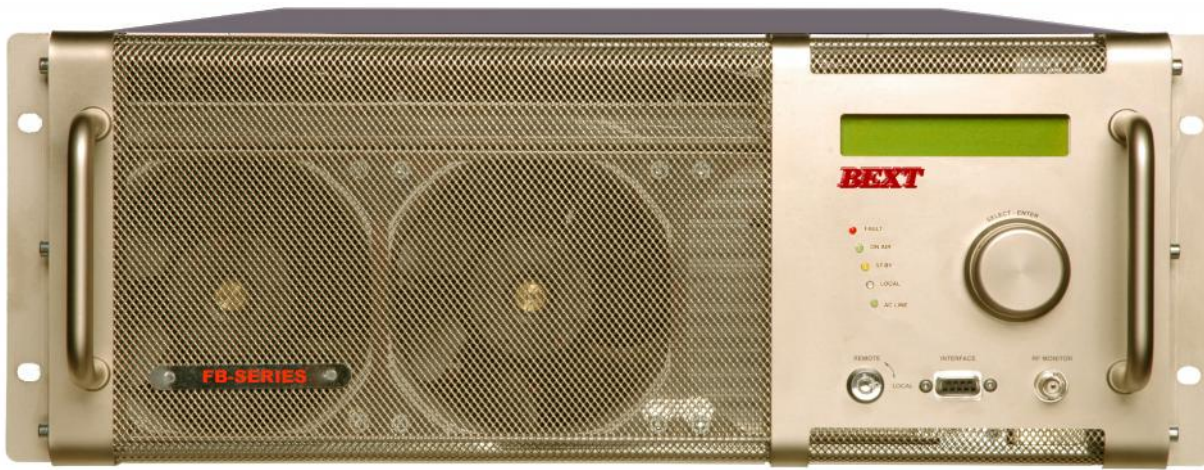
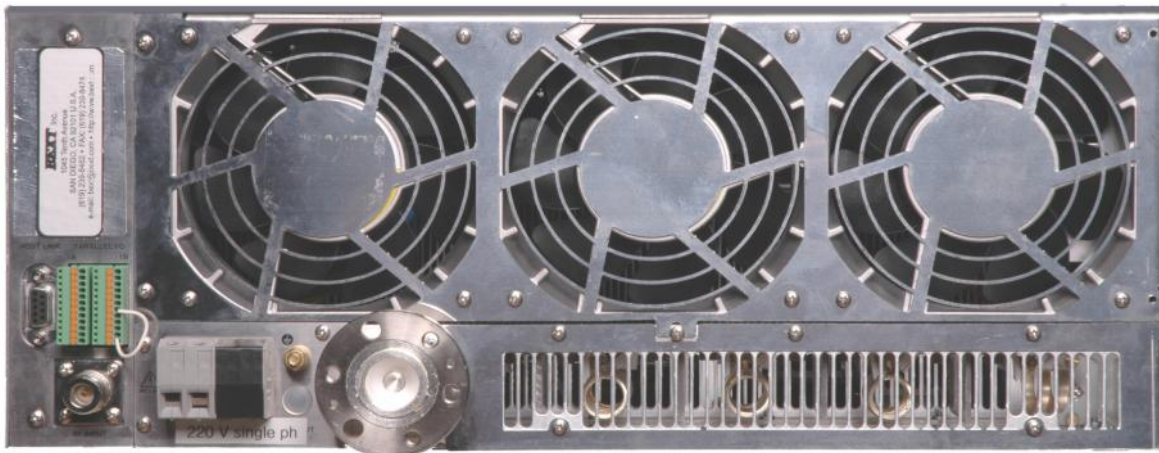


BEXT

FB 2000
FB 3500
FB 5000
 2, 3.5 and
 5 kW
 Broadband
 Solid State
 Mosfet FM
 Amplifiers

- Exceptionally high power in a very compact and lightweight unit, up to 5.5 kW (FB 5000) in four rack spaces
- Very high efficiency Mosfet technology amplifier
- Automatic gain control providing fixed output power even in case of fluctuating drive power
- High reliability, easy handling and consistent performance
- Totally broadband, no tuning requirement
- Proportional Auto-Foldback of output power in the event of excessive VSWR
- Excessive temperature and excessive drive power protection
- Compact size with built-in high-efficiency switching power supply
- Easy access due to modular construction
- Overload reset system with indicator lights
- Meets or exceeds all FCC and CCIR requirements
- Easily replaceable standard components
- Full remote control and telemetry capability, with all main parameters on rear contacts



Specifications

| | |
|---|--|
| Frequency range | 87.5-108 MHz (other frequencies available on request) |
| Rated Output Power | 2300 W (FB 2000) • 3600 W (FB 3500) • 5500 W (FB 5000) |
| RF Output Connector / Impedance | 7/8" EIA Flange / 50 Ohm |
| RF Input Connector / Impedance | "N" Connector Female / 50 Ohm |
| Spurious and Harmonic Suppression | Meets or exceeds all FCC and CCIR requirements |
| AC Input power | 208-240V, 50-60 Hz, single or 3 phase, specify w/ order (other available on request) |
| Approx. Power Consumption | 3500 W (FB 2000); 6000 W (FB 3500); 8000 W (FB 5000) [all @ full power] |
| Approx. Drive Power for full power | 60 W (FB 2000); 90 W (FB 3500); 120 W (FB 5000) |
| Cabinet Dimensions | 483 mm (19") W x 177 mm (7") H x 533 mm (21") D (4 four rack spaces high) |
| Crate size for shipping | 35" W x 21" H x 25" D (890 mm W x 533 mm H x 635 mm D) |
| Weight: | FB 2000: 37 Kg (81 lbs) • FB 3500: 41 Kg (90 lbs) • FB 5000: 45 Kg (99 lbs) |
| Crated Weight for shipping | FB 2000: 62 Kg (136 lbs) • FB 3500: 66 Kg (145 lbs) • FB 5000: 70 Kg (154 lbs) |
| Required Ambient Temperature Range | 0° C to 45° C (32° F to 113° F) |
| Maximum Humidity | 90%, non-condensing |

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