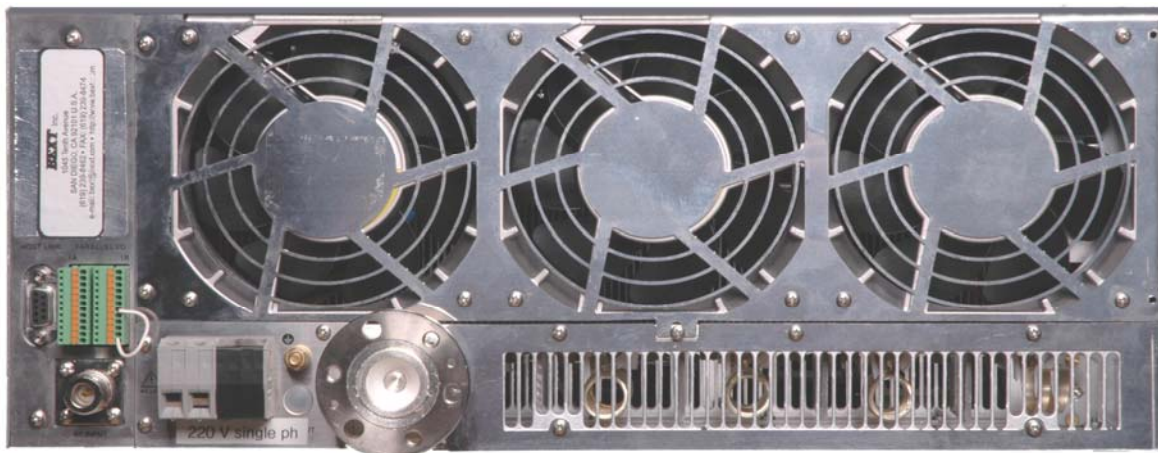


BEXT

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 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) • 5100 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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