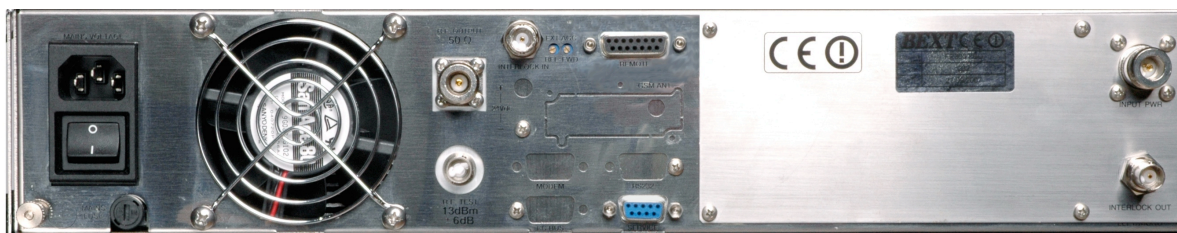


BEXT

**FR 300
FR 500
& FR 700**

*Broadband
Solid State
FM Amplifiers*

- 300, 500 or 700 W amplifiers in highly efficient, lightweight, compact size cabinets
- Fast access to all functions & parameters via user-friendly menu display w/ pushbuttons
- Automatic gain control providing fixed output power even in case of fluctuating drive power
- Direct 90 V to 260 V extended range AC power input
- High reliability, easy handling and consistent performance
- Totally broadband, no tuning requirement
- Excessive temperature and excessive drive power protection
- Compact size with built-in high-efficiency switch-mode 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
- Proportional Auto-Foldback of output power in the event of excessive VSWR
- Full remote control & telemetry capability with all main parameters on rear terminal contacts



Specifications

AC Input power:	90-260V (extended range), single phase, 50-60 Hz
Frequency range:	87.5-108 MHz
Rated Output Power:	300 W for FR 300 / 500 W for FR 500 / 700 W for FR 700
RF Drive Requirement	Approximately 9 W to 15 W
RF Output Connector/Impedance:	"N" Connector Female / 50 Ohm
RF Input Connector/Impedance:	"N" Connector Female / 50 Ohm
Spurious and Harmonic Suppression:	Meets or exceeds all FCC and CCIR requirements
Power Consumption at full power:	Approx. 550 W (FR 300) / 900 W (FR 500) / 1200 W (FR 700)
Front Panel Size:	483 mm (19") W x 88 mm (3 ½") H (2 standard rack spaces high)
Cabinet Dimensions:	483 mm (19") W x 88 mm (3 ½") H x 432 mm (17") D
Boxed size for shipping:	21" W x 8 ½" H X 21" D
Weight:	FR 300: 8.4 Kg (18½ lbs) / FR 500: 9.6 Kg (21 lbs) / FR 700: 10.5 Kg (23 lbs)
Boxed weight for shipping:	FR 300: 10 Kg (22 lbs) / FR 500: 11.2 Kg (24½ lbs) / FR 700: 12.1 Kg (26 lbs)

Required Ambient Temperature Range: 0° C to 45° C (32° F to 113° F)

Maximum Humidity: 90%, non condensing