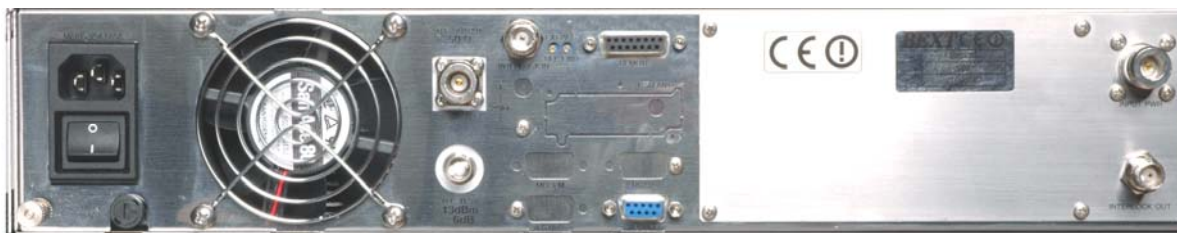




BEXT
FR 300
*Broadband
 Solid State
 FM Amplifier*

- Very high efficiency Mosfet technology amplifier
- Fast access to all functions & parameters via user-friendly menus 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
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:	Approx. 550 W at full power
Front Panel Size:	483 mm (19") W x 88 mm (3 1/2") H (2 rack standard spaces high)
Cabinet Dimensions:	483 mm (19") W x 88 mm (3 1/2") H x 432 mm (17") D
Boxed size for shipping:	21" W x 8 1/2" H X 21" D
Weight:	8.4 Kg (18 1/2 lbs)
Boxed weight for shipping:	10 Kg (22 lbs)
Required Ambient Temperature Range:	0° C to 45° C (32° F to 113° F)
Maximum Humidity:	90%, non-condensing