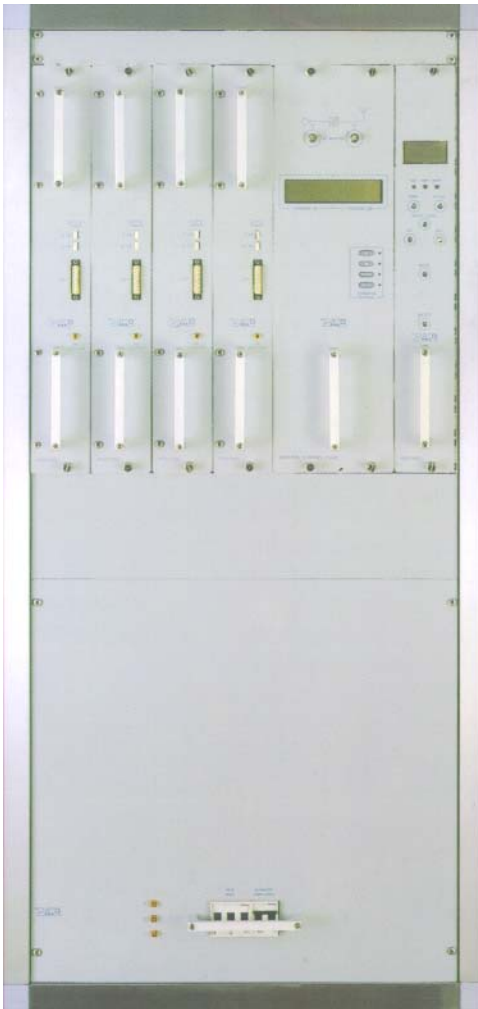


BEXT**T F S Series****1 kW, 2 kW, 3 kW, 5 kW,
10 kW, 20 kW & 30 kW***Frequency Agile, Broadband, Totally
Modular Solid State FM Transmitters*

TFS 5 S Shown

- Totally modular: "HOT PLUGGABLE / HOT SWAPPABLE" independent modules
- State of the art totally solid state transmitter
- Individual power supplies on each module
- FM Totally digital Exciter available
- Very compact size while retaining easy cabinet access
- Very high efficiency PA, typically capable of more than rated output power with relatively low input
- Automatic gain control providing fixed output power even in case of fluctuating drive power
- High reliability and solid long term performance due to total absence of tuning requirements
- Auto Control Logic with visual display for all functions
- VSWR, excessive temperature and excessive drive power protection with proportional Auto - Foldback
- Automatic restart from overload status
- Available with dual exciter for added reliability
- Available for N + 1 systems with automatic changeover
- Fully remote controllable
- Meets or exceeds all FCC & CCIR requirements

Amplifiers' Technical Specifications

(For audio specifications and features on Transmitter versions, pls. see Exciter pages. TFS Series Transmitters normally shipped with PT Series Exciters. Any other Bext Exciter available upon request).

RF Power Output (model / power):	TFS 1S / 1 kW • TFS 2S / 2 kW • TFS 2S / 2 kW • TFS 3S / 3 kW • TFS 5S / 5 kW TFS 10S / 10 kW • TFS 20S / 20 kW • TFS 30S / 30 kW
AC Input power: (others available on request)	TFS 1S, TFS 2S, TFS 3S, TFS 5S: 220-240 V, 50-60 Hz, 3 Phase or Single Phase TFS 10S, TFS 20S, TFS 30S: 220-240 V, 50-60 Hz, Three Phase
Frequency range:	87.5-108 MHz (other frequencies on request)
RF Output Connector/Impedance:	7/8 (TFS 1S) • 7/8 (TFS 2S) • 7/8 (TFS 3S) 1 5/8 (TFS 5S) • 1 5/8 (TFS 10S) • 3 1/8 (TFS 20 S) • 3 1/8 (TFS 30) / 50 Ohm
RF Input Connectors / Impedance:	Type "N" / 50 Ohm (input to RF Amplifier section)
Spurious & Harmonic Suppression:	Meets or exceeds all FCC and CCIR requirements
Power Consumption:	TFS 1S: 2 kVA; TFS 2S: 4 kVA, TFS 3S: 6 kVA; TFS 5S: 10kVA; TFS 10S: 20kVA; TFS 20S: 40kVA, TFS 30S: 60 kVA
Cabinet Dimensions:	TFS 1 S: 545 mm (21 1/5") W x 1400 mm (55") H x 900 mm D (35.5") TFS 2 S: 545 mm (21 1/5") W x 1400 mm (55") H x 900 mm D (35.5") TFS 3 S: 545 mm (21 1/5") W x 2000 mm (79") H x 1200 mm (47 1/5") TFS 5 S: 545 mm (21 1/5") W x 2000 mm (79") H x 1200 mm (47 1/5") TFS 10 S: 545 mm (21 1/5") W x 2000 mm (79") H x 1200 mm (47 1/5") TFS 20 S: 1650 mm (65") W x 2000 mm (79") H x 1200 mm (47 1/5") TFS 30 S: 1650 mm (65") W x 2000 mm (79") H x 1200 mm (47 1/5")
Weight:	550 lbs / 250 Kg (TFS 1 S) • 594 lbs / 270 Kg (TFS 2 S) • 660 lbs / 300 Kg (TFS 3 S) • 1254 lbs, 570 Kg (TFS 5 S) • 2090 lbs, 950 Kg (TFS 10 S) • 3630 lbs, 1650 Kg (TFS 20 S) • 4840 lbs, 2200 Kg (TFS 30 S)
Cooling:	TFS 1 S, TFS 2 S and TFS 3 S are air cooled • TFS 5 S, TFS 10 S, TFS 20 S and TFS 30 S can be air cooled or liquid cooled (specify with order)
Ambient Temperature Range:	0° C to 45° C (32° F to 113° F)
Maximum Humidity	90%, non-condensing