

FTS SOLID STATE POWER AMPLIFIER 1:1 1 KW UHF BAND (RF400450-1000 1:1)

Main characteristics:

- Frequency band: 400 - 450 MHz
- RF output power: 1:1 1000 W
- RF inputs: 2 (Exiter1 & Exiter2) with switching
- Class: A/AB
- Power gain min: 63 dB
- Gain adjustment: 0.5 dB step
- In/Out impedances nom.: 50 Ohms
- Protection circuits: Load VSWR, over temperature
- Harmonics typ.: -60 dBc
- Spurious typ.: -60 dBc
- In/Out RF connectors: N F (In) 7/16 F (Out)
- Cooling: Forced air (self-contained fans)
- Humidity: up to 85%
- Operating temperature range: 0 to +40° C
- Power supply: 230 VAC +/- 10 %, 47-63 Hz
- Dimensions (W x H x D) : 2 cabinets 19" x 34 U x 0.8 m cabinet
- Monitoring & Control Unit
- Local : Front panel LCD/Keyboard (4 U)
- Remote : Ethernet

Deliveries:

- 2 cabinets (34 U height) fixed together
- Chain1 (1 KW): 2 x 600 W SSPA, Combiner & Ant/load switch drawer, 1 KW load, Bi-directional drawer.
- Chain2 (1 KW): 2 x 600 W SSPA, Combiner & Ant/load switch drawer, 1 KW load, Bi-directional drawer
- 7/16 Transfer switch (ANT1/ANT2)
- Monitoring & Control Unit
- ON/OFF panel with breakers

