



### Specifications

Frequency Band of Coverage	:	960MHz – 1240MHz
Gain of the PA (typ)	:	53dB (typ)
Rated Power Output (CW)	:	53dBm (typ)
Pin	:	0dBm nominal    10dBm (max)
P1dB	:	52dBm (typ)
Gain Flatness @ Psat	:	±2dB
2 <sup>nd</sup> Harmonic Rejection	:	>45dBc
Reverse Polarity Protection	:	Yes
VSWR handling	:	6:1 (typ)
Auto-shutdown	:	Yes (Internal Supervisory Circuitry)
Form Factor	:	½ ATR Short
Current Consumption @ Pout = 200W, VDC = 28 - 32 V, Signal type = CW	:	14A (max)
Power Added Efficiency	:	48% (min) 52% (Nominal)
Max input power Protection	:	Optional
BITE	:	Optional (Configurable)
Rx-Channel Gain	:	11±1dB
Noise Figure	:	3.5 ± 0.5dB
Tx/Rx Signal	:	TTL Logic
Tx/Rx isolation	:	60dB (min)
Tx – Rx Switching time	:	15uS (typ) 20uS (max)

### External Interfaces

1. Radio	:	TNC    R143324000
2. Antenna	:	N type R161256000W
3. PWR	:	D38999/20WD
4. BITE	:	D38999/20WC35PN

Front Panel LED indication for Power ON/OFF with ON/OFF Switch