

SPECIFICATIONS

Item 1: TL12UO, 1.25kW, 13.75 – 14.5 GHz SuperLinear Hub Mount TWT High Power Amplifier.

With a 1.25 kW Traveling Wave Tube, with rated flange power output of 540W

Gain 70dB min.

Ethernet interface, digital metering and pin diode attenuation.

Pulsed specifications:

RF modulated signal

1 kW peak, 200 W average, 20 % duty

Indoor, antenna mounted

PRF 10 kHz max

Toff/Ton 3 microsec max

Item 2: T05KO, 450W CW Ka-Band 27.5 – 31.0 GHz, TWT Outdoor Hub Mount TWT High Power Amplifier

With rated flange power output of 380W

User-friendly microprocessor-controlled logic with integrated Ethernet computer interface.

Digital metering and TWT input drive monitoring

Gain 70dB min.

Prime power 100-240 VAC + 10%, single phase, 47-63 Hz.

Pulsed specifications:

RF modulated signal

375 W peak, 100 W average, 20% duty

PRF 10 kHz max

Ton/Toff 3 microsec max