

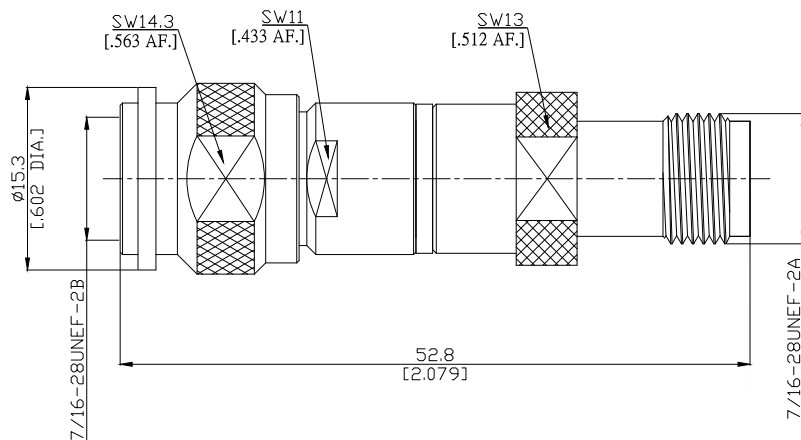


DC - 12.0 GHz.

Model: TAT-XX



P3's Coaxial Attenuators are convection cooled and can handle full rated 2 watts CW and a peak power rating of 250 Watts (5μsec pulse @ 0.5% duty cycle at 25 degrees C, and have an operating temperature range of -55 to +125 degrees C. These attenuators are commonly used for absorbing power of a transmission line, expanding power range and controlling power levels. They may also be used for accurately measuring power or spectrum of RF & Microwave transmitters accompanied with a power meter VNA or spectrum analyzer. These fixed attenuators cover DC to 12.0 GHz. with attenuation values from 1dB thru 40db with low VSWR and excellent attenuation flatness across the full bandwidth.



ENVIRONMENTAL SPECIFICATION

Thermal Shock: MIL-STD-202, Method 107, Condition B
 Moisture Resistance: MIL-STD-202, Method 106
 Salt Fog Test: MIL-STD-202, Method 101, Condition B
 Vibration: MIL-STD-202, Method 204, Condition D
 Shock: MIL-STD-202, Method 213, Condition I
 Connectors: MIL-STD-348B

Attenuation Accuracy (Max)		
DC - 4 GHz	4 - 8 GHz	8 - 12 GHz
±0.5 dB	±0.6 dB	±0.7 dB

P/N: Example:

TAT - **XX**
 Series Attenuation Value

*Specifications are subject to change without notice

ELECTRICAL SPECIFICATION

Frequency Range: DC - 12.0 GHz.
 dB Values: 1 thru 40 dB (Standard)
 Impedance: 50 Ω
 Average Power: 2 Watts 25° C, 0.02 W at +125° C
 Peak Power: 250 W (5μs pulse, .05% duty cycle)
 VSWR: Operating ≤ 1.4:1 Max.
 Temp.: -55° C to +125° C

MECHANICAL SPECIFICATION

Body: Brass, Copper-Tin Zinc Alloy
 Center Contact: Phosphor Bronze Gold Plated
 Gasket: Silicone Rubber
 Dielectric: PTFE
 Weight: Storage 38 grams
 Temp.: -55° C to +125° C

Contact Sales: sales@p3-rf.com

