

TWATT-2500-3500

Low Cost Variable Attenuator

Typical Applications

- Aerospace and Military Applications
- Wideband Communication Systems
- Point-to-Point Radios
- Point-to-Multi-Point Radios
- Test Instrumentation

Main Features

- Broadband variable attenuator 2.5 – 3.5 GHz
- Insertion loss: -2.2 dB typ.
- No External Matching Required
- High manual tune attenuation capability between 0 and 3 dB, SMA connectorized
- Low cost
- Customization available upon request



Electrical Specifications, Ta = +25°, Vdd = +15V

Parameter	Unit	Specification
Frequency Range	GHz	2.5-3.5
Insertion Loss	dB	-2.2 typ.
Attenuation	dB	0-3
Maximum Input Power	dBm	+20
Input VSWR		1.12 typ.
Output VSWR		1.12 typ.
In/Out Impedance	Ohm	50 typ.
Third Order Intercept (IP3)	dBm	40 typ.
Supply Current	mA	20 mA typ.
Supply	V	12-24V

Products and Product Information are Subject to Change Without Notice

Mechanical Specifications

Parameter	Unit	Specification
RF connectors		SMA - Female
Material		PA12
Weight	g	13

Environment

Parameter	Unit	Specification
Operating Temperature	°C	-20°C to +85°C
Storage Temperature	°C	-55°C to +95°C

Outline drawing

All dimensions in mm Dimensions Tolerance ± 0.01

