

**CMAT-12G18G-10** is a variable attenuator from Connphy. This SMA microwave attenuator is a continuously variable attenuator design. Our coaxial 50 Ohm adjustable attenuator is precision manufactured to RF and microwave industry specifications.

**Features:**

- Low VSWR, Low Insertion Loss
- Excellent Linearity, Monotonicity
- Good Stability Across Temperature Range

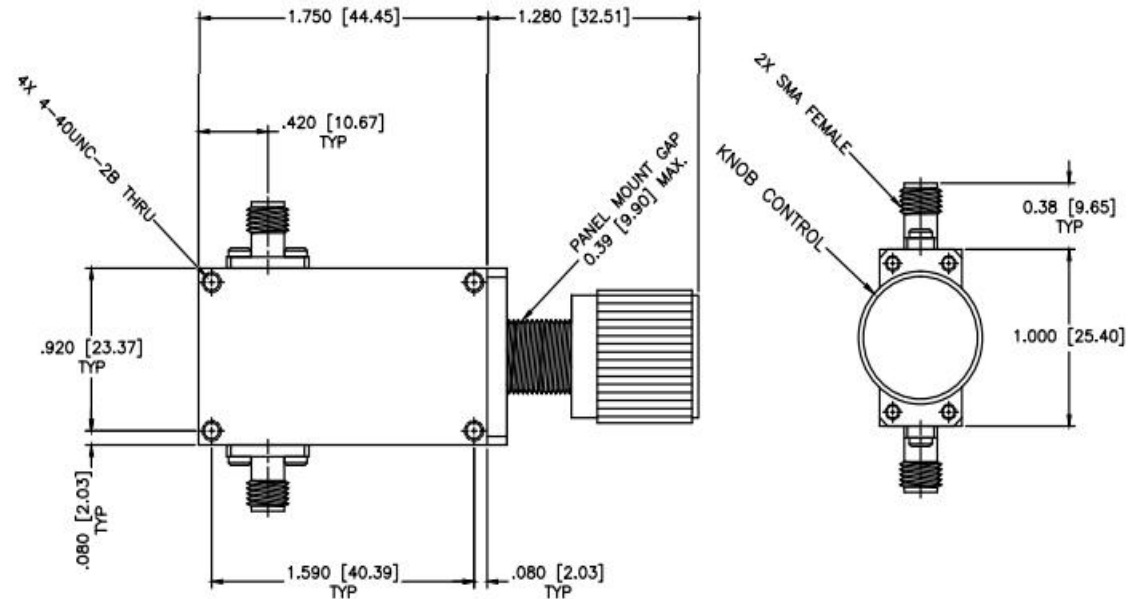
**Specifications:**

Frequency Range: 12.0-18.0 GHz  
 Insertion Loss: 0.5 dB Max  
 Attenuation Range: 0-10 dB  
 VSWR(dB): 1.5:1 Max  
 Flatness: +/-1.0 dB Max  
 Power Handling: 7W average, 3kW peak  
 RF Connectors: SMA

**Notes:**


Lock Nut Counting Dial And Direct Reading Options Are Available.

**Mechanical Outline(Inches) :**



**Environmental Ratings:**

Temperature: -50°C to +80 °C Operating  
 -65 °C to +110 °C Non-Operating  
 Vibration: MIL-STD-202F, Method 204D Cond. B  
 Altitude: MIL-STD-202F, Method 105C Cond. B  
 Temperature Cycle: MIL-STD-202F, Method 107D Cond. A

Continuously Variable Attenuator CMAT-12G18G-10			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@connphy.com">sales@connphy.com</a>
CHECKRD:	DATE: 08/07/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.