

### \$ Saver Product Line

- ◆ 100/200W Average Power
- ◆ Uni-directional Power Application
- ◆ Integral Matching Structures
- ◆ High Reliability
- ◆ RoHS Compliant
- ◆ Economic Price
- ◆ N or 7-16 DIN Connectors
- ◆ Delivery from stock



**AU-10N**

Model No/Attenuation Value				Power Avg. (Pk 5 $\mu$ s)	Connector (m-f)	Attenuation Accuracy				VSWR max.	Weight lb (kg)
10 dB	15dB	20dB	30 dB			10 dB	15dB	20 dB	30 dB		
<b>AS-10D</b>	<b>AS-15D</b>	<b>AS-20D</b>	<b>AS-30D</b>	100W (10kW)	7-16 mm N-Conn	$\pm 0.6$	$\pm 0.6$	$\pm 0.6$	$\pm 0.6$	<1.30:1*	3.8 (1.8)
<b>AS-10N</b>	<b>AS-15N</b>	<b>AS-20N</b>	<b>AS-30N</b>								
<b>AU-10D</b>	-	<b>AU-20D</b>	<b>AU-30D</b>	200W (10kW)	7-16 mm N-Conn	$\pm 1.25$	$\pm 1.25$	-	$\pm 0.8$	<1.35:1	6.2 (2.8)
<b>AU-10N</b>	-	<b>AU-20N</b>	<b>AU-30N</b>								

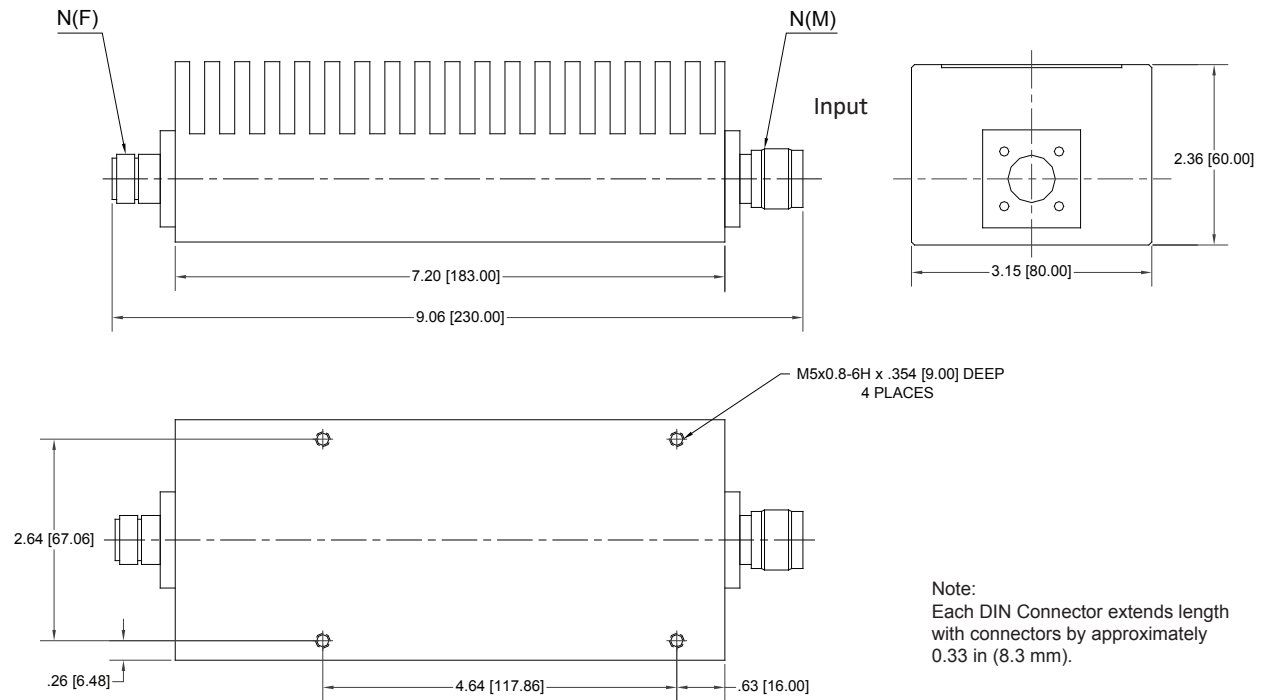
\*<1.35:1 on AS-15D

Microlab coaxial attenuators for wireless applications cover DC to 3 GHz frequency range. The AS is rated at a full 100 Watts and the AU at 200 Watts average rating.

The attenuators are constructed of resistive elements in a conventional series circuit. They are bi-directional at low powers, but the male is the input for high powers.\* Units are exceptionally rugged, and negligibly affected by normal ambient temperature and humidity changes. Other attenuation values are available to special order. (11/13)

\*Contact factory for reverse power information.

Frequency Range: DC to 3.0 GHz  
 Impedance: 50 $\Omega$  nominal  
 Temperature Range: -55° to +125°C\*  
 Finish: RoHS Compliant  
 Body: Passivated aluminum  
 Heat Sink: Anodized aluminum  
 Connectors: Silver or triplate  
 \*Derate power by -0.9%/°C above 25°C

**AS series**

**AU series**
