

# Features and Benefits

**ANTRONIX®**

## 1 GHz In-line Attenuators GAF2000 Series

The GAF2000 Series feature the Antronix Eclipse Contact Technology (ECT) F-port. The ECT provides over 400% more contact area versus traditional F-ports. Along with increased reliability, the GAF2000 Series attenuators provide excellent return loss across the entire 1002 MHz bandwidth. Mechanically, the GAF2000 Series uses a solid screw machine brass housing with nickel plating to provide a robust package. The attenuators are designed to accept RG-6 and RG-59 cables.



## Specifications

<b>Electrical</b>										
<b>Model GAF20xx</b>			<b>01</b>	<b>02</b>	<b>03</b>	<b>06</b>	<b>10</b>	<b>12</b>	<b>16</b>	<b>20</b>
<b>Attenuation</b>										
	<b>Frequency (MHz)</b>	<b>Tolerance (dB)</b>	<b>Typ</b>	<b>Typ</b>	<b>Typ</b>	<b>Typ</b>	<b>Typ</b>	<b>Typ</b>	<b>Typ</b>	<b>Typ</b>
<b>Maximum (dB)</b>	5-50	±0.5	1.0	2.0	3.0	6.0	10.0	12.0	16.0	20.0
	50-450	±0.5	1.0	2.0	3.0	6.0	10.0	12.0	16.0	20.0
	450-750	±0.5	1.0	2.0	3.0	6.0	10.0	12.0	16.0	20.0
	750-1002	±0.8 (≤6 dB) ±1.0 (≥10 dB)	1.0	2.0	3.0	6.0	10.0	12.0	16.0	20.0
<b>Return Loss</b>										
<b>Minimum (dB)</b>	5-50		25	25	25	25	25	25	25	25
	50-450		22	22	22	22	22	22	22	22
	450-750		20	20	20	20	20	20	20	20
	750-1002		20	20	20	20	20	20	20	20

<b>General</b>	
Nominal Impedance	75 Ω
Hex Nut Size	7/16"
F-Connector Type	ANSI/SCTE 01
<b>Environmental</b>	
Pressure Seal	15 psi
Operating Temperature	-40 °C to +60 °C



Specifications subject to change without notice