

# Features and Benefits

**ANTRONIX®**

## 1 GHz In-line Attenuators GAF3000 Series

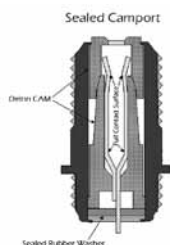
Antronix's unique in-line attenuators feature our patented auto-seizing CamPort® for the most reliable cable connection available today. The brass CamPort® provides intermittent free transmission path essential for advanced multimedia applications. The GAF3000 Series features excellent return loss across the entire bandwidth. Mechanically, the GAF3000 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

Electrical										
Model GAF30xx			01	02	03	06	10	12	16	20
Attenuation										
	Frequency (MHz)	Tolerance (dB)	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
Maximum (dB)	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
Return Loss										
Minimum (dB)	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

General	
Nominal Impedance	75 Ω
Hex Nut Size	7/16"
F-Connector Type	ANSI/SCTE 01 (formerly SCTE IPS-SP-400) Compliant Sealed Brass CamPort®
Environmental	
Pressure Seal	15 psi
Operating Temperature	-40 °C to +60 °C



Specifications subject to change without notice