Features and Benefits

3 GHz In-line Attenuators
GAF5000 Series

The GAF5000 in-line attenuators feature Antronix's Eclipse Contact Technology (ECT) F-port. The ECT provides over 400% more contact area versus traditional F-ports. The 3 GHz attenuator is ideal for MoCA, extended spectrum and satellite applications. Mechanically, the GAF5000 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 GAF50xx			01	02	03	06	08	10	12
Attenuation									
	Frequency (MHz)	**Tolerance** (dB)	**Typ**	**Typ**	**Typ**	**Typ**	**Typ**	**Typ**	**Typ**
Maximum (dB)	5-550	±0.25	1.0	2.0	3.0	6.0	8.0	10.0	12.0
	550-1218	±0.25	1.0	2.0	3.0	6.0	8.0	10.0	12.0
	1218-1800	±0.35	1.0	2.0	3.0	6.0	8.0	10.0	12.0
	1800-3000	±0.50	1.0	2.0	3.0	6.0	8.0	10.0	12.0
Return Loss									
Minimum (dB)	5-550		20	20	20	20	20	20	20
	550-1218		20	20	20	20	20	20	20
	1218-1800		18	18	18	18	18	18	18
	1800-3000		18	18	18	18	18	18	18

General	
Nominal Impedance	75 Ω
Hex Nut Size	7/16"
Surge Withstand	6 kV Ring Wave Surge per IEEE C62.41 Category A3
Environmental	
Pressure Seal	15 psi
Operating Temperature	-40 °C to +60 °C
Surge Withstand	6 kV Combination Wave Surge per ANSI/SCTE 81

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