

## GLF-1002

### MoCA<sup>®</sup> Input Blocking Filter



### Overview

The GLF-1002 is a compact inline low pass filter ideal for MoCA<sup>®</sup> applications. When installed at the input to a premise location, this filter will block MoCA<sup>®</sup> signals from escaping one home and interfering with an adjacent home. The filter is suitable for outdoors installation and is made of solid machine brass housing with nickel plating to provide a robust package. Optional security shield (model: GLF-SS) provides tamper-proof installations.

### Electrical Specifications

Model	Model	GLF-1002		
<b>Insertion Loss</b>	<b>Insertion Loss</b>			
		Freq (MHz)	Spec.	Typ.
Insertion Loss	Passband (dB max)	5 - 1002	1.6	0.5
	Reject Band (dB min)	1125 - 1525	40	45
<b>Return Loss</b>	<b>Return Loss</b>			
		Freq (MHz)	Spec.	Typ.
Minimum	Passband (dB min)	5 - 1002	18	22

### General Specifications

<b>Nominal Impedance</b>	75 Ω
<b>F-connector Type</b>	ANSI/SCTE 01 (formerly SCTE IPS-SP-400) Compliant
<b>Hex Nut Size</b>	7/16"

### Environmental Specifications

<b>Surge Withstand</b>	6kV combination wave surge per IEEE C62.41 Category B3
<b>Operating Temperature</b>	-40 °C to +60 °C

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Specifications subject to change without notice

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