## Features and Benefits



**GLF-1002B1** 

## MoCA<sup>®</sup> Input Point of Entry Filter 70dB Rejection

The GLF-1002B1 is a compact inline low pass filter ideal for MoCA® applications. When installed at the input to a premise location, this filter will block MoCA® 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-SSB) provides tamper-proof installations.

## **Specifications**

| Electrical           |                 |               |  |
|----------------------|-----------------|---------------|--|
| Insertion Loss       |                 |               |  |
|                      | Frequency (MHz) | Specification |  |
| Passband (dB max)    | 5-65            | 0.15          |  |
|                      | 65-860          | 0.95          |  |
|                      | 860-1002        | 2.0           |  |
| Reject Band (dB min) | 1125-3000       | 70            |  |
| Return Loss          |                 |               |  |
| Passband (dB min)    | 5-65            | 18            |  |
|                      | 65-1002         | 16            |  |

| General               |  |  |
|-----------------------|--|--|
| Nominal Impedance     | 75 Ω   |  |
| F-Connector Type      | ANSI/SCTE 01 (formerly SCTE IPS-SP-400)<br>Compliant       |  |
| Hex Nut Size          | 7/16"  |  |
| Environmental         |  |  |
| Surge Withstand       | 6 kV Combination Wave Surge per IEEE<br>C62.41 Category B3 |  |
| Operating Temperature | -40 °C to +60 °C   |  |

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