



# MoCA® Point of Entry Filter LPF-1002 -70dB

Enhance your home networking made EZ with the use of Eagle's LPF-1002 -70dB series filter for all your home networking installations. This low-pass point of entry filter is a must have for homes where MoCA technologies are being implemented. The LPF-1002 -70dB will prevent internal devices transmitting at high levels from interfering with neighboring devices. The filter will isolate external and internal MoCA signals with the introduction of high speed transmissions over coax. This dual function filter also acts as a reflector to minimize the loss of the MoCA signal within the home allowing subscribers the ultimate multi-room DVR experience.

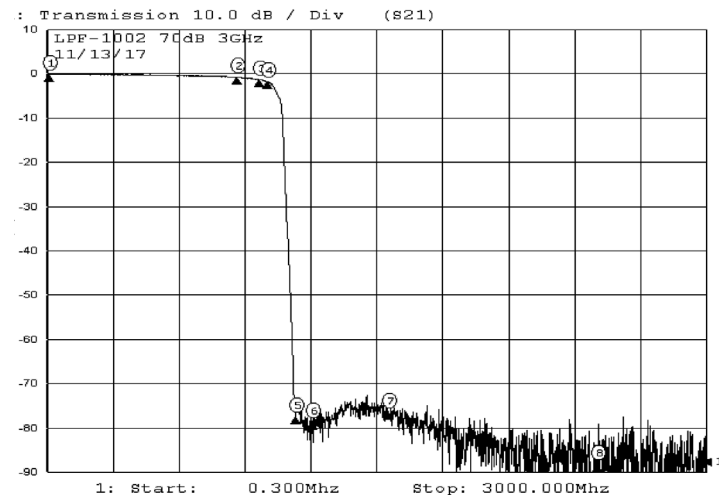
## Features:

- Designed to keep MoCA signals within the residence
- Prevents interference between subscriber homes that deploy MoCA technologies
- Acts as a reflector of the homes internal signals
- Pioneering Patent technology
- Compliant to MoCa specifications



## Specifications:

- Passband: 5 MHz to 1002 MHz
- Insertion Loss (dB) (5-1002 MHz): -2.0 dB
- Return Loss (dB) (5-1002 MHz): -16 dB
- Rejection Band Attenuation (1125-3000 MHz): -70dB
- Operating Temperature: -40°F to +140°F
- Humidity: 100% relative humidity resistive
- Unit Dimensions: Length: 2.235"  
Diameter: 0.5"
- Withstanding Tightening Torque: 1. Female "F" Port: 40 inch lbs  
2. Male "F" Port: 60 inch lbs
- Delay Inequality: 5nSec.
- Surge Withstand: "F" ports withstand Category B3, 6KV/3KA  
Combo wave surge
- RFI (Shielding Effectiveness): ≥120 dB
- Salt Spray: 1000 Hrs. Conditioning
- Interface Moisture Migration: No degradation in Electrical or  
Mechanical performance (RL,  
Insertion loss, etc)



## Ordering Information

LPF-1002 -70dB  
Other Custom Lowpasses  
Available

MoCA and MoCA logo are registered trademarks of Multimedia over Coax Alliance.



7665 Henry Clay Boulevard  
Liverpool, NY 13088

Ph. 1-800-448-7474  
Email: [sales@eaglecomtronics.com](mailto:sales@eaglecomtronics.com)  
[www.eaglecomtronics.com](http://www.eaglecomtronics.com)