



# MoCA® Point of Entry Filter EZLP Series

Enhance your home networking made EZ with the use of Eagle's patented EZLP series filter for all your next home networking installations. This low-pass point of entry filter is a must have for homes where MoCA technologies are being implemented. The POE filter will enhance house to house MoCA signal isolation by physically isolating the home while blocking any unwanted interfering signals from neighboring homes. 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.

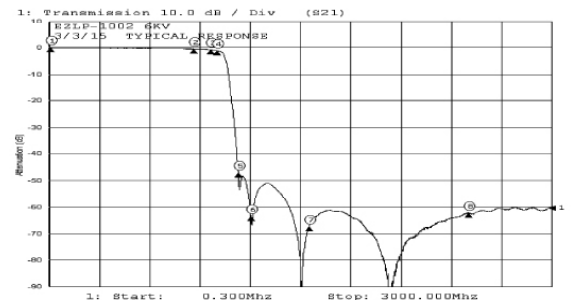
## Features:

- 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): -1.5 dB
- Return Loss (dB) (5-1002 MHz): -16 dB
- Rejection Band Attenuation (1125-3000 MHz): -40dB
- Frequency Response:  $\pm 0.25$  dB, maximum
- Operating Temperature:  $-40^{\circ}\text{F}$  to  $+140^{\circ}\text{F}$
- 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 A3, 6KV/200A ring wave surge
- RFI (Shielding Effectiveness):  $\geq 120$  dB
- Salt Spray: 1000 Hrs. Conditioning
- Interface Moisture Migration: No degradation in Electrical or Mechanical performance (RL, Insertion loss, etc)



**Ordering Information**  
EZLP-1002-6KV  
Other Custom Lowpasses  
Available

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