

# INLINE MoCA FILTER

## MoCA 2.0 Compliant

### PCT-MLPF-1002AH



Innovation for the Last Mile®



## STANDARD FEATURES

PCT's inline MoCA filter is designed as a demarcation filter for homes utilizing MoCA networks. The filter prevents MoCA channels from entering or exiting the home while leaving traditional CATV frequencies uninterrupted. With many devices communicating within the home, PCT's inline MoCA filter ensures customer signals stay secure. Installed at the main input inside the home, the MoCA filter acts like a gatekeeper ensuring the MoCA signals stay within the home network.

## Advanced Features

- ✓ Expanded bandwidth to 1675 MHz for MoCA 2.0
- ✓ High performance RF parameters including excellent return loss and enhanced rejection
- ✓ Sealed, solid brass construction allows for indoor or outdoor installations
- ✓ 6kV A3 Ring Wave surge withstand per ANSI / SCTE 81 2012
- ✓ Patented PCT DSM® seizure technology (patent #6450836)
  - Provides increased spring retention for better surface contact, even after repeated entry, across minimum to maximum center conductor diameters
  - Beryllium copper construction for better corrosion resistance, impedance matching, and prevention of common path distortion

## Ordering Information

PCT-MLPF-1002AH     Inline MoCA 2.0 Filter, Short Body,  
A3 Surge Withstand, 5 to 1675 MHz

## Guaranteed Specifications Over Temperature

|                   |          | PCT-MLPF-1002AH             |
|-------------------|----------|-----------------------------|
| Parameters        | Unit     | Details                     |
| <b>Electrical</b> |          |                             |
| Insertion Loss    |          |                             |
| 5 to 870 MHz      |          | < 0.8                       |
| 870 to 1002 MHz   | dB       | < 1.6                       |
| 1125 to 1675 MHz  |          | > 55.0                      |
| Return Loss       |          |                             |
| 5 to 870 MHz      |          | > 17.0                      |
| 870 to 1002 MHz   | dB       | > 14.0                      |
| 1125 to 1675 MHz  |          | < 1.3                       |
| Group Delay       |          |                             |
| 5 to 1002 MHz     | ns / MHz | < 5 / 3.58                  |
| <b>General</b>    |          |                             |
| Nominal Impedance | Ohm      | 75                          |
| RFI Shielding     | dB       | -110                        |
| Surge Withstand   | -        | Cat. A3 6 kV 200A Ring Wave |
| Moisture Sealing  | psi      | 30                          |
| Dimensions        | mm (in)  | 13.5 X 54 (0.53 x 2.13)     |



STAY INFORMED - FOLLOW US

