

# INLINE MoCA FILTERS

## Ring Wave Surge Withstand

### PCT-LPF-1002A, PCT-MLPF-1002A



Innovation for the Last Mile®



## STANDARD FEATURES

PCT's InLine MoCA Filter is designed as a demarcation filter for homes utilizing MoCA network. 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 filters ensure customer signals stay secure. PCT inline MoCA filters are installed at the main input inside the home and acts like a gate keeper ensuring the MoCA signals stay within the home network.

## Advanced Features

- ✓ High performance RF parameters including exceptional return loss and rejection
- ✓ Sealed, solid brass construction allows for indoor or outdoor installations
- ✓ 6kV A3 Ring Wave surge withstand per ANSI/SCTE 81 2003
- ✓ 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
  - Gold-plated, beryllium copper construction for better corrosion resistance, impedance matching, and prevention of common path distortion

## Ordering Information

PCT-LPF-1002A      InLine MoCA Filter, A3 Surge Withstand  
 PCT-MLPF-1002A      InLine MoCA Filter, Short Body, A3 Surge Withstand

## Guaranteed Specifications Over Temperature

Parameters	Unit	PCT-LPF-1002A	PCT-MLPF-1002A
		Details	
<b>Electrical</b>			
Insertion Loss			
5 to 65 MHz			< 1.5
65 to 860 MHz	dB		< 1.5
860 to 1002 MHz			< 1.5
1125 to 1525 MHz			> 35.0
Return Loss			
5 to 1002 MHz	dB		> 14.0
1125 to 1525 MHz			< 1.5
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		15
Dimensions	mm (in)	13.5 X 63 (0.53 x 2.47)	13.5 X 47 (0.53 x 1.85)



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