

INLINE MoCA FILTERS

Combo Wave Surge Withstand

PCT-LPF-1002, PCT-MLPF-1002



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 B3 Combo 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-1002 InLine MoCA Filter, B3 Surge Withstand
 PCT-MLPF-1002 InLine MoCA Filter, Short Body, B3 Surge Withstand

Guaranteed Specifications Over Temperature

Parameters	Unit	PCT-LPF-1002	PCT-MLPF-1002
		Details	
Electrical			
Insertion Loss			
5 to 65 MHz			< 0.25
65 to 860 MHz	dB		< 0.8
860 to 1002 MHz			< 1.5
1125 to 1525 MHz			> 40.0
Return Loss			
5 to 1002 MHz	dB		> 16.0
1125 to 1525 MHz			N/A
Group Delay			
5 to 1002 MHz	ns / MHz		< 10 / 3.58
General			
Nominal Impedance	Ohm		75
RFI Shielding	dB		- 110
Surge Withstand	-	Cat. B3 6 kV 3000A Combo 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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