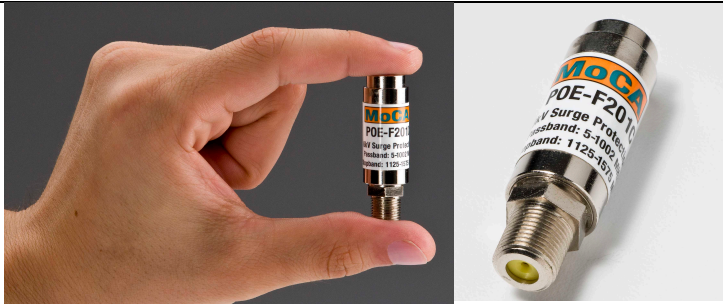


**Model POE-F201C Series MoCA Compliant Filters**

**Product Features**

- Hi MoCA Band Isolation
- Low CATV Band Insertion Loss
- Small size
- Prevents Signal Leakage Outside the MoCA Network
- Optional Security Shield
- 6kV Surge Hardened
- Complies with ANSI\_SCTE 151 2008



**Product Description**

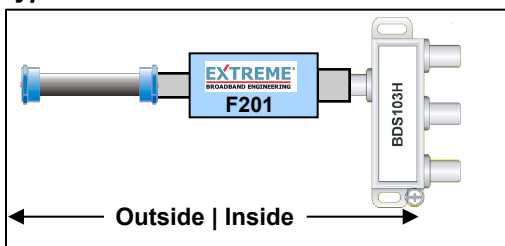
A MoCA Multimedia Network is a local area network characterized by wide bandwidth RF signal streams operating at high signal levels above the 1GHz CATV band. These networks must be isolated from each other to prevent interference and failure. Due to the common, party-line nature of the CATV plant, a low pass filter can be used effectively to stop the MoCA signal traffic from leaking across the network boundaries. This is known as a Point Of Entry filter.

**Recommended Application**

The POE filter should be placed at the root of the subscriber network.

- **If a single-output drop amplifier is needed** to correct the input signal level at the service demarcation point, the POE filter should be placed at the amplifier output before the signal is split and routed to the subscriber outlets.
- **If a multiple-output drop amplifier is used**, the POE filter should be placed at the input to block MoCA signals at all outputs from entering the outside plant.
- **If a drop amplifier is NOT needed**, then the POE filter should be placed in line with the drop at the demarcation point.

**Typical Installation**



**Optional Security Shield**



Parameter	Frequency (MHz)	Specification (dB)
<b>INSERTION LOSS (Max)</b>	5-42	<0.1
	42-860	<1
	860-1002	<1.5
	1125-1525	>40
<b>RETURN LOSS (Min)</b>	5-42	>40
	42 -1002	>20
	1125-1525	<2
<b>RFI Isolation (Min)</b>	5 - 1525	100
<b>SURGE PROTECTION</b>	6kV Category B3 Combination Wave IEEE 62.41C	
<b>IMPEDANCE (Ohms)</b>	75	