

The coaxial drop portion of all CATV RF networks enables access to all services including video, high speed data services and E911 digital voice services.

Maintaining the highest levels of service reliability, safety and performance demands strict adherence to standard installation practices, coupled with the use of only approved hardened hardware components. This is a new design, available only for limited use in networks intending to improve MoCA security by enhancing the isolation of the POE filter to 70 dB. The higher isolation ideally attenuates MoCA signals, which can egress out of a customer's home, to below the noise floor, assuming this filter is installed within the customer's premise.



POE Filter

Features:

- Tubular Construction
- Applications: Homes, MDU's and Businesses
- Wide Rejection Frequency Range
- > 110 dB RFI Shielding
- SCTE Compliant Type F Connectors
- Indoor/ Outdoor Design
- Surge Withstand 6kV/3kA Combo-Wave

Specifications:

Item	Min	Typical	Max	Unit
Frequency Range		5 - 1675		MHz
Impedance		75		Ω
Pass Band		5 - 1002		MHz
Insertion Loss (5 - 860 MHz)		-0.7	1.0	dB
Insertion Loss (861 - 1002 MHz)		1.0	1.5	dB
Return Loss (5 - 860 MHz)	18	20		dB
Return Loss (861 - 1002 MHz)	14	16		dB
Stop Band		1125 - 1675		MHz
Rejection (1125 - 1675 MHz)	70	>70		dB
Operating Temperature		-40 ~60		°C
Humidity		0% to 95% relative humidity		
Withstanding Tightening Torque Female *F* Port	60	65		Inch.lbs
Withstanding Tightening Torque Male *F* Port	60	>130		Inch.lbs

Conforms to ANSI/SCTE 81 2003, IEEE C62.41-1991 Cat. B3 waveform, 6kV 3000A