

# MoCA FILTER [MCF-x]

## Cable Products, Mainline Drop Passives

### Description

Designed as a demarcation filter for homes utilizing Multimedia over Coax Alliance (MoCA™) frequencies, the filter prevents MoCA channels from entering or exiting the home while leaving traditional CATV frequencies uninterrupted. The MoCA filter acts as a reflector to minimize loss of the MoCA signal within the home and features high performance RF parameters, including exceptional return loss and rejection.

### Features

- SCTE & CE Compliant
- Class A RFI Shielding
- Small, Lightweight Construction Allows for Easy Installation
- SMD, High Stability
- Supports a 1 GHz Pass Band
- High Rejection Band
- Low Insertion Loss and Excellent Return Loss
- Prevents Interference Between Subscriber Homes that Employ MoCA Technology
- Waterproof – Can be Used Internally at the Point of Entry or Outside at the Tap
- Suitable for MoCA, CATV, Cablenet and Other Communication Systems



### Ordering Information

MCF - **x**

A for Cat. A3 or B for Cat. B3

Electrical Specifications	MIN	TYP	MAX	UNIT
Impedance		75		Ohm
Frequency		5 - 1600		MHz
Pass Band		5 - 1002		MHz
Insertion Loss	.5	1.0	1.5	dB
Return Loss	16	18	20	dB
Stop Band		1125 - 1600		MHz
Rejection (1125-1600 MHz)	40	50	60	dB
Surge Withstand	MCF-A: Cat. A3 Waveform 6kV 200A		MCF-B: Cat. B3 Waveform 6kV 3000A	
Moisture Sealing		15		psi

### Mechanical Specifications

Dimensions	13(ø) x 63 (L)	mm
Housing	Copper Tube	
Connector Screw Thread	75 Ohm, Male-Female F type	
Connector	W 3/8" - 32 UNEF	in.
Net Weight	30	g

Screening efficiency meets EN 50083-2 Class A standard