A MoCA Filter (also know as a Point of Entry (POE) Filter) is always installed at the cable point of entry to the home when setting up a MoCA network.

An additional MoCA filter is sometimes added to the connection to the cable modem to prevent ingress affecting MoCA stability.

This prevents the MoCA signal from leaking out of the home’s network.

This filter reflects the MoCA signal back in to the home, which may actually boost the signal strength and improve performance.
4 tuner installed near router + Single Tuner

- Modem
- Router
- 4 tuner installed near router + Single Tuner
- ROOM 1
- ROOM 2
- TO TV

*Moca Filter (see page 2)
4 tuner installed near router + Single Tuner + Dual Tuner

ROOM 1

ROOM 2

ROOM 3

Modem

Router

ECB

Single Tuner

Dual Tuner

* MoCA Filter (see page 2)
4 tuner installed AWAY from router + Single Tuner

ROOM 1
- 4 tuner
- Modem
- Router

ROOM 2
- MoCA Client

ROOM 3
- MoCA Client

ECB

*MoCA Filter (see page 2)
4 tuner installed AWAY from router + Single Tuner + Dual Tuner

- **ROOM 1**: ECB
- **ROOM 2**: ECB
- **ROOM 3**: ECB
- **ROOM 4**: ECB

- MoCA Filter (see page 2)
- Remove Wireless adapter

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*MoCA Filter (see page 2)*
TiVo T6 installed near router + TiVo Mini

ROOM 1

TiVo Mini

Router

Modem

ROOM 2

SEE TV DIAGRAMS

TiVo T6

MoCA Filter (see page 2)
TiVo T6 installed near router + TiVo Mini + Dual Tuner

- ROOM 1
- ROOM 2
- ROOM 3

Router
Dual Tuner
Remove Wireless adapter

TiVo T6

Modem

* MoCA Filter (see page 2)
TiVo T6 installed AWAY from router + TiVo Mini

ROOM 1

ROOM 2

ROOM 3

Router

Modem

MoCA Filter (see page 2)
TiVo T6 installed AWAY from router + TiVo Mini + Dual Tuner

ROOM 1

ROOM 2

ROOM 3

ROOM 4

ECB

Modem

Router

TiVo T6

TiVo Mini

Dual Tuner

MoCA Filter (see page 2)

* Remove Wireless adapter

* MoCA Filter (see page 2)
**All-in-1 Equipment**

- An **All-in-1** is a piece of equipment that combines:
  - Modem
  - Router
  - MoCA (ECB)
  - Phone (some models)

- **All-in-1’s** are put in place of these pieces of equipment.
- MoCA can, and usually does, originate from this device rather than an ECB or TiVo DVR

3-in-1 (example)

- Although MoCA filters are **always used at the Point Of Entry**, they are not connected to the All-in-1 because that would negate the MoCA signal it sends out.

- **See page 2** for more information on MoCA filters.
4 tuner installed near All-in-1 + Single Tuner

ROOM 1
- All-in-1
- Originating MoCA

ROOM 2
- Single Tuner
- MoCA Client

TV
- 4 tuner
- SEE TV DIAGRAMS

SEE TV DIAGRAMS
TO TV
4 tuner installed near All-in-1 + Single Tuner + Dual Tuner
4 tuner installed AWAY from All-in-1 + Single Tuner

ROOM 1

ROOM 2

ROOM 3

All-in-1

4 tuner

Originating MoCA

MoCA Client

MoCA Client

SEE TV DIAGRAMS

SEE TV DIAGRAMS

TO TV

TO TV
4 tuner installed AWAY from All-in-1 + Single Tuner + Dual Tuner

ROOM 1

ROOM 2

ROOM 3

ROOM 4

Originating MoCA

SEE TV DIAGRAMS

SEE TV DIAGRAMS

SEE TV DIAGRAMS

Remove Wireless adapter
TiVo T6 installed near All-in-1 + TiVo Mini

ROOM 1

ROOM 2

TiVo Mini

All-in-1

TiVo T6

Originating MoCA

MoCA Client

SEE TV DIAGRAMS

SEE TV DIAGRAMS

TO TV

TO TV
TiVo T6 installed AWAY from All-in-1 + TiVo Mini

ROOM 1

ROOM 2

ROOM 3

TiVo T6

TiVo Mini

All-in-1

Originating MoCA

MoCA Client

MoCA Client

SEE TV DIAGRAMS

SEE TV DIAGRAMS

TO TV

TO TV
TiVo T6 installed AWAY from All-in-1 + TiVo Mini + Dual Tuner

ROOM 1

ROOM 2

ROOM 3

ROOM 4

All-in-1

MoCA Client

TiVo T6

MoCA Client

TiVo Mini

MoCA Client

ECB

Dual Tuner

SEE TV DIAGRAMS

Remove Wireless adapter