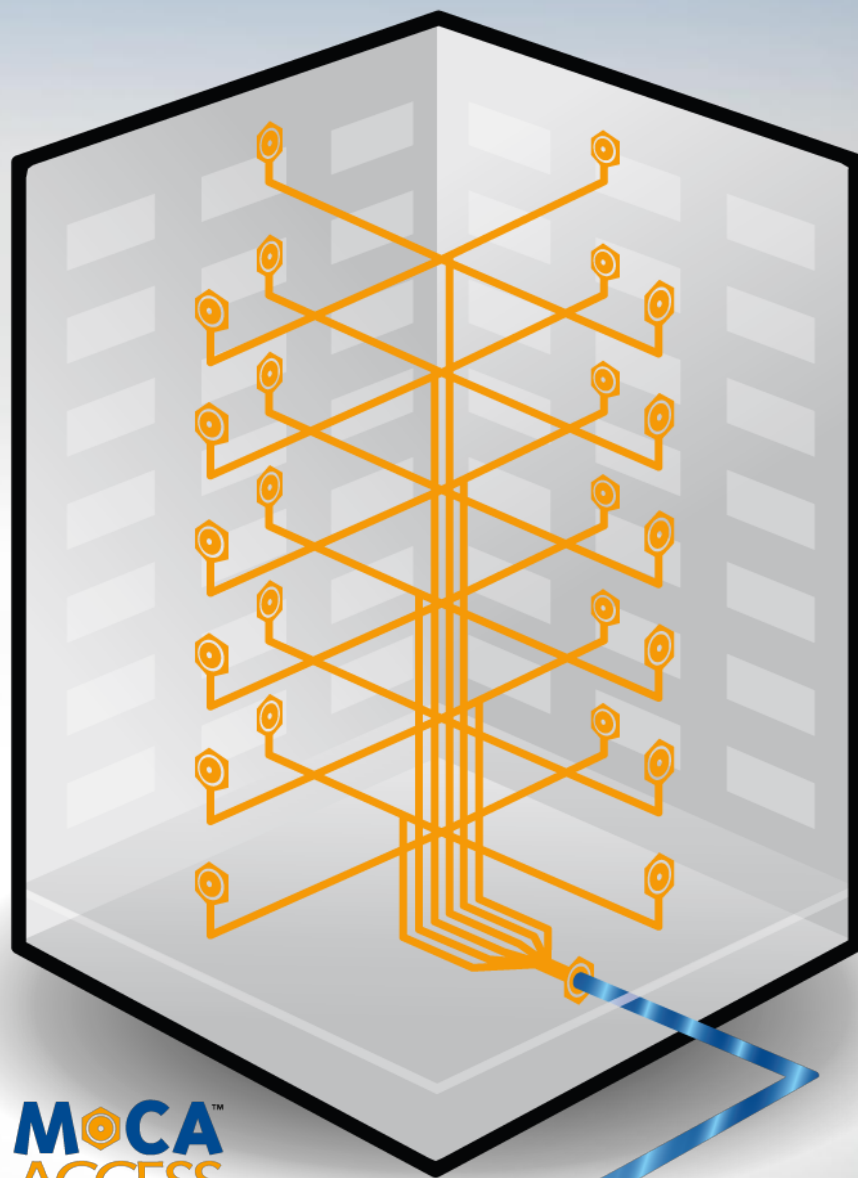




Introducing MoCA Access™

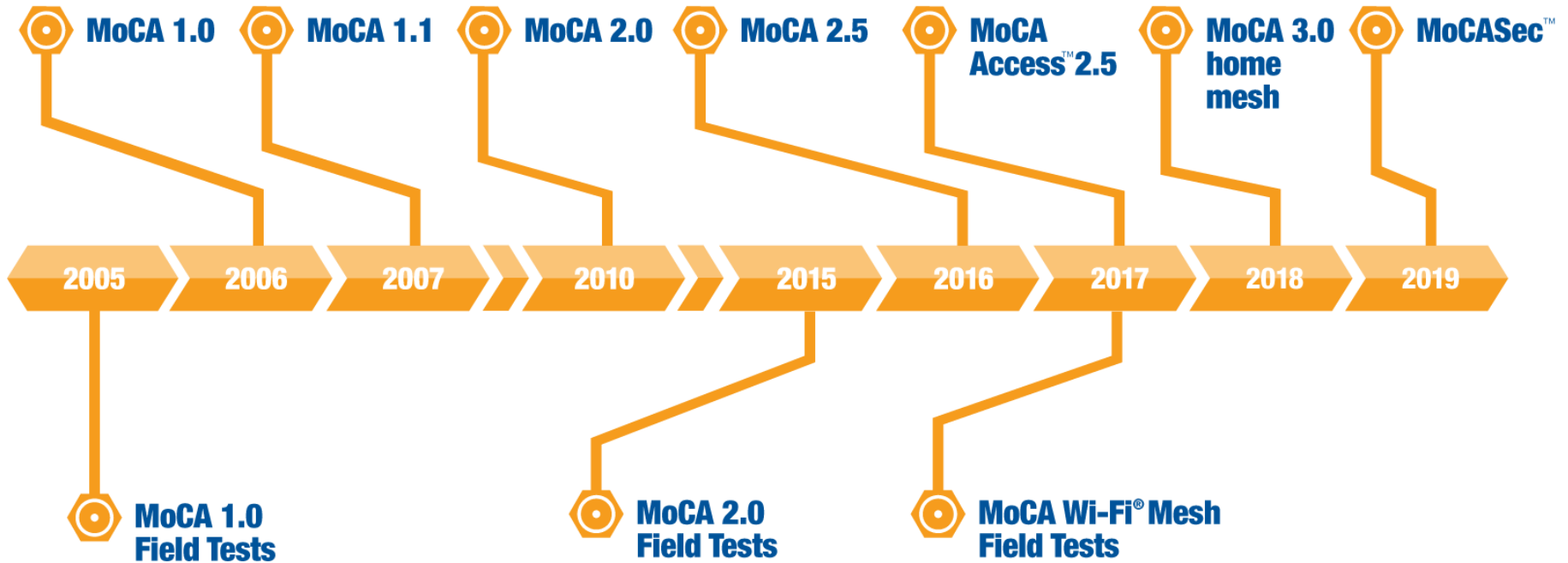
MoCA® Makes
Wi-Fi™ Better



Alliance Overview

- Alliance established in 2004.
- Fastest and most reliable home networking technology available.
 - Actual throughputs (MAC) of 1 Gbps (MoCA 2.0) and 2.5 Gbps (MoCA 2.5).
 - Uses existing coaxial cabling. Not dependent on type or age of wiring.
 - It just works.
- MoCA Home™ networking technology in deployment by cable MSOs, satellite and telcos worldwide.
- MoCA Access™ in trials among operators and hospitality sites.

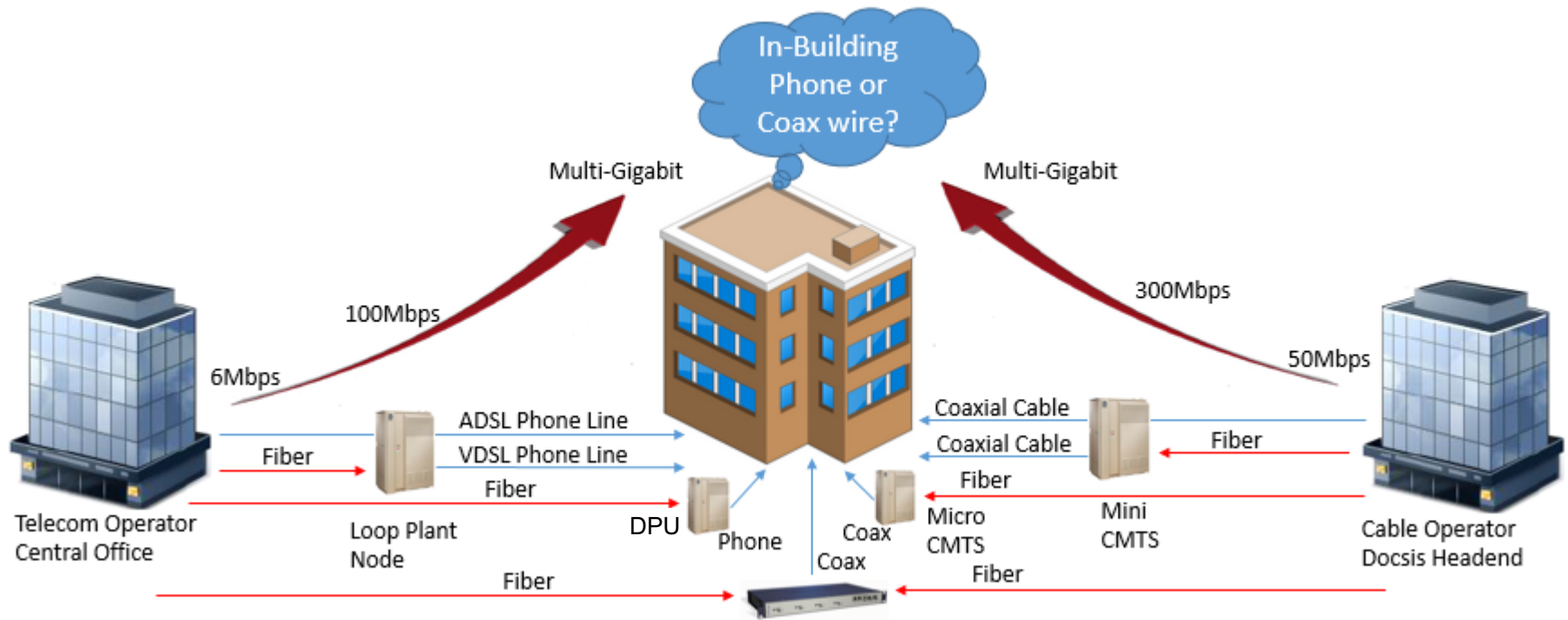
MoCA Technology Timeline



Introducing MoCA Access™

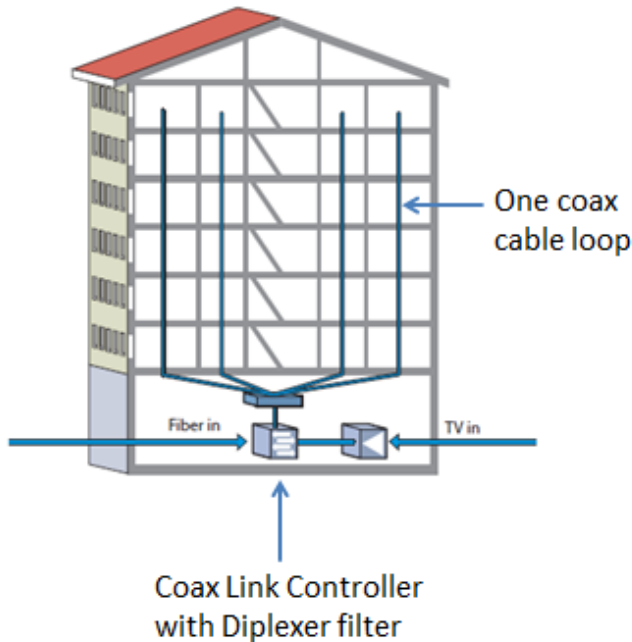
- Based on MoCA 2.5 specification.
- Throughput is 2.5 Gbps downstream and 2 Gbps upstream.
- Latency less than 5ms.
- Point-to-multipoint serving up to 63 modems (clients).
- Works over existing in-building coaxial wiring.
- Operating frequency range of 400MHz - 1675MHz.
- Co-exists with TV, DOCSIS and cellular (4G/5G) technologies.
- Supports standard traffic shaping and QoS up to eight (8) traffic classes.
- Strong security support.
- Three transmission power modes with 45dB,55dB or 65dB link budgets and power saving modes.

MoCA Access— Fiber Extension over Coax



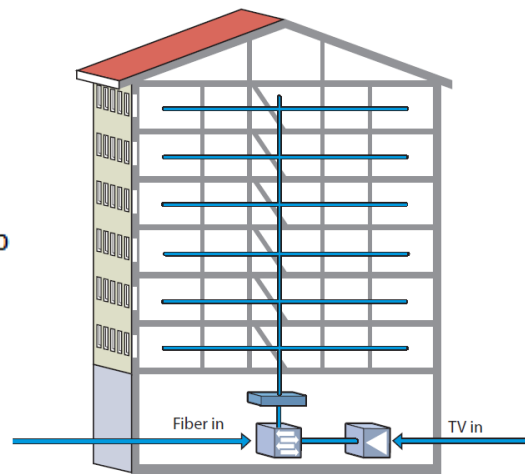
MoCA Access for any type of coax networks

Star-Cascade Network



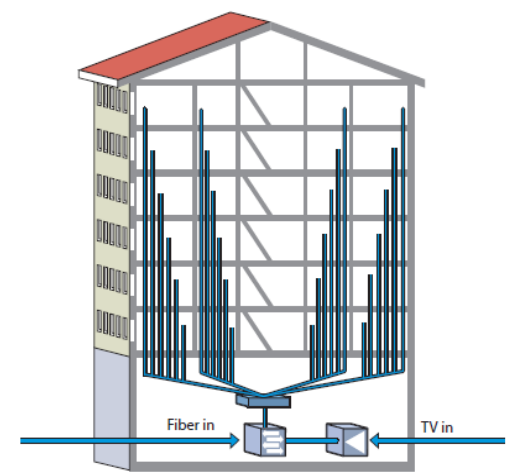
Several RF bands

Tap-Cascade Network



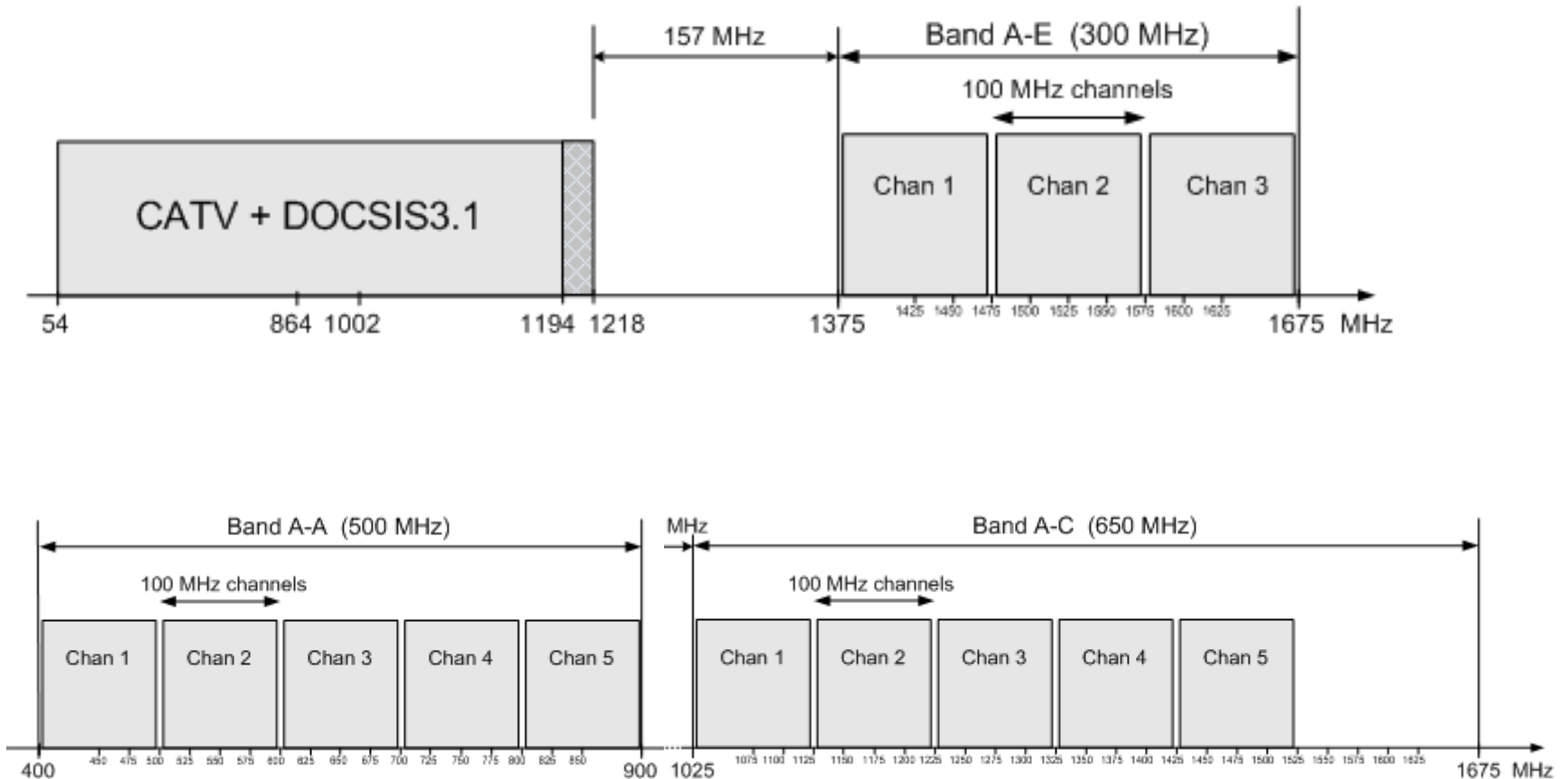
Single RF band

Star-Network



One RF band per outlet

Multiple Frequency Profiles



Applications

- Operators driving fiber deep into the network or to the building (FTTB) and want to leverage the existing coaxial wiring without sacrificing performance.
- ISPs deploying fiber-based networks that terminate the optical signal in the basement and use the existing coax to reach each unit or apartment.
- Wired backhaul for 4G and eventually 5G cellular service.
- Hotels, hospitals, restaurants, offices and any building with existing coax.

Summary

- Fiber access extension technology using existing in-building coax.
- Based on MoCA 2.5 specification.
 - Throughput is 2.5 Gbps downstream and 2 Gbps upstream.
 - Latency less than 5ms.
- Point-to-multipoint serving up to 63 modems (clients).
- Operating frequency range of 400MHz - 1675MHz.
 - Co-exists with TV, DOCSIS and cellular (4G/5G) technologies.