

FiberExtension

Solution Brief

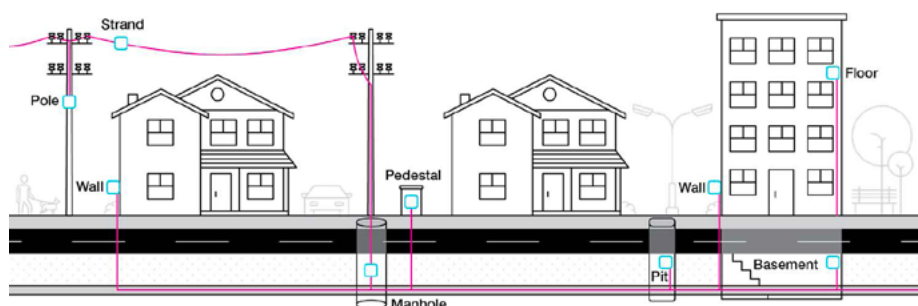
Are you delivering gigabit services to the MDUs in your network?

Maximize the return on your fiber investment with open Fiber Extension solutions from Zhone.



Serving gigabit speeds to MDUs can be a challenge, but Zhone Fiber Extension makes MDUs easy!

- + **Reuse** pre-existing infrastructure
- + **Rapidly** deploy anywhere, on any PON
- + **Reverse-powered** freedom to install anywhere
- + **Multi-vendor** OLT interoperability
- + **Configure / Manage** from existing PON EMS
- + **Self-install** network termination device (NTD)
- + **Deployment** cost up to 50% lower than FTTH



Install quickly at optimal locations for YOUR network

- + No need for power connections
- + Supports GPON and XGS-PON
- + Gigabit service delivery within 150m/500ft over copper and double that over coax

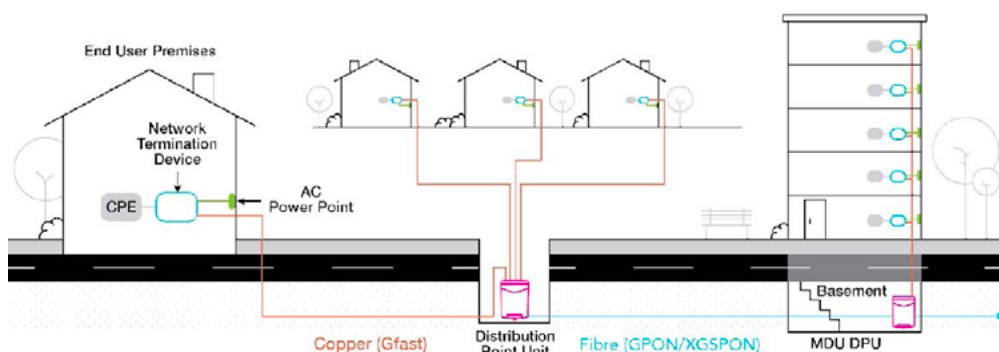
Zhone fiber extension is the **ONLY** multi-vendor OLT interoperability solution

- + Ideal for operators with more than one OLT vendor
- + Managed / Configured / Assured with existing OLT EMS
- + Low touch IT integration using existing service templates

Operational Deployments with	Interoperability with
Nokia	Zhone
Calix	Edge-Core
Huawei	Tibit
Adtran	ZTE

Eliminate the power connection barrier with reverse power

- + NTD in home provides power to distribution point unit (DPU)
- + No dependencies on power utilities or MDU owners
- + Accelerates time-to-market and saves CAPEX/OPEX



Generate more revenue sooner and reduce OPEX with Zhone Fiber Extension!

[Visit zhone.com](https://zhone.com)

For sales inquiries email:
sales@zhone.com



Watch our [Fiber Extension for MDUs webinar](#) featuring real world experience from TDS

Zhone fiber extension products provide TDS these benefits:

- + 45% less costly per unit than fiber
- + Reduced disruption to MDU tenants
- + Greatly decreases time-to-install
- + Performance nearly identical to fiber



– Jarret Hasseling
Sr. Mgr., Product Development, TDS



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