



SMARTCABLE

FIBER OPTIC SERVICES

Fiber-Ready Building Infrastructure Proposal

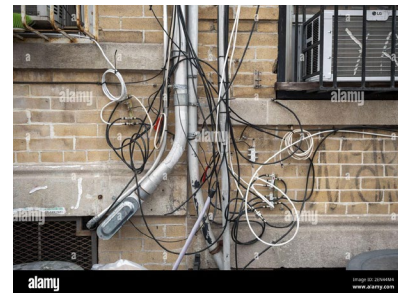
(Designed and Built During Construction, Not Added Later)

Telecommunications Is Often Treated as an Afterthought

Many multifamily developments are built without a long-term connectivity strategy.

As technology providers enter the property after construction is complete, developers often face:

- Additional installation costs
- Property damage and repairs
- Resident disruption
- Delayed service activation
- Reduced flexibility for future providers



Build Once. Connect Forever!

SmartCable integrates telecommunications infrastructure into the construction process, ensuring every unit is ready for current and future connectivity needs. Key Infrastructure Components: Dedicated media panel, Cable pathways to every unit, Structured cabling pathways, Pull strings and conduits (optional), Unit telecom outlets (optional), Identification and documentation.



Construction Method

Industry-Compliant Infrastructure Design

Our systems are designed according to recognized telecommunications and construction standards, ensuring safety, scalability, and long-term reliability.

Standards

- NEC
- ANSI/TIA
- BICSI
- Local Building Codes
- Low Voltage Best Practices

Construction VS Retrofit

Retrofit installations can cost between **2x and 5x more** than infrastructure installed during construction.

Access to occupied units can increase labor costs by **30–50%**.

Service activation can be completed in hours instead of days.

During Construction	Post-Construction Retrofit
Open walls and accessible pathways	Finished walls and limited access
No residents present	Occupied units and resident coordination
Lower installation cost	Higher installation cost
Minimal disruption	Significant disruption to residents
Clean and efficient installation	Invasive installation process
Easier routing of cables and conduits	Complex routing and additional labor
Reduced risk of property damage	Increased risk of wall, paint, and finish damage
Faster project completion	Longer installation timelines
Better documentation and labeling	More difficult asset tracking
Future-ready infrastructure from day one	Infrastructure added as an afterthought
Fewer service calls and callbacks	Greater likelihood of future service issues
Higher property value and marketability	Limited competitive advantage

Why Developers Choose Fiber-Ready Infrastructure

Why Build Fiber-Ready?

- Increased property value
- Future-proof infrastructure
- Competitive market advantage
- Reduced operational risk
- Easier leasing and sales
- Enhanced technology appeal
- Infrastructure installed today can support technologies that have not yet been deployed.



Telecommunications: The Fourth Utility

High-speed internet is consistently ranked among the most requested amenities in multifamily housing. Modern residents expect internet connectivity with the same reliability and availability as electricity, water, and gas. Connectivity is no longer a luxury amenity. It is essential infrastructure.

Benefits

- Higher tenant satisfaction
- Increased occupancy rates
- Improved property appeal
- Competitive differentiation
- Long-term asset value



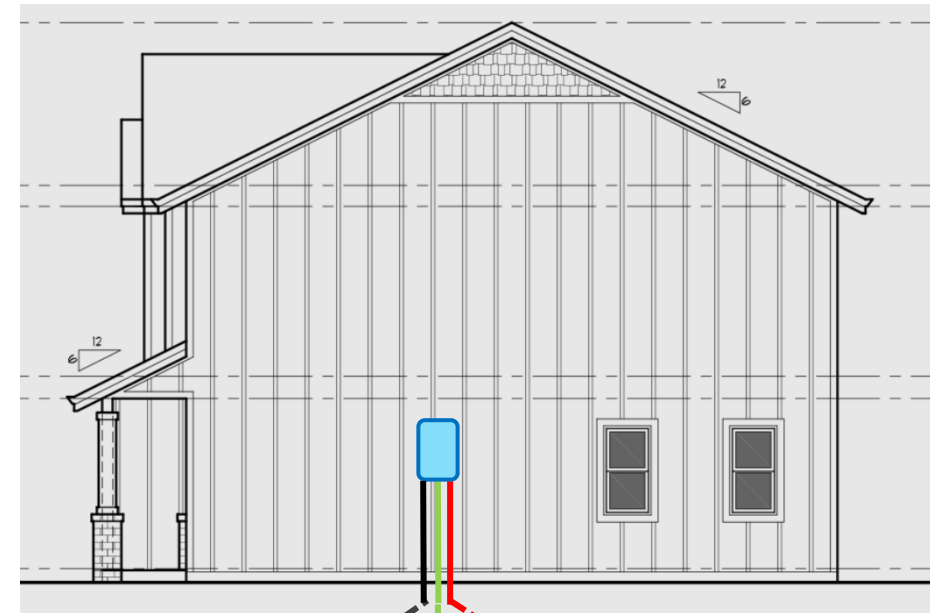
Open Access Infrastructure

The property owns the telecommunications infrastructure. Service providers compete for customers instead of requiring separate installations.

Benefits

- More choices for residents
- Easier provider onboarding
- Increased property attractiveness
- Greater long-term flexibility
- Competitive Service Pricing

One Property. Multiple Providers.



Future-Proof Design

Infrastructure installed today can support technologies that have not yet been deployed. The same infrastructure can support multiple communication technologies.

Supported Services

- Fiber Optic Networks
- Cat6/Ethernet
- Coaxial Services
- Wireless Systems
- Smart Building Systems



The Cost of Waiting

Installing telecommunications infrastructure during construction is significantly less expensive than retrofitting after occupancy.

During Construction:

- ***Lower labor cost***
- ***Faster installation***
- ***Minimal disruption***

Post-Construction Retrofit:

- *2x to 5x higher costs*
- *Resident coordination*
- *Property repairs*
- *Increased project duration*
- *Increased costs*
- *Resident complaints*
- *Additional wall repairs*
- *Service delays*
- *Difficult provider onboarding*

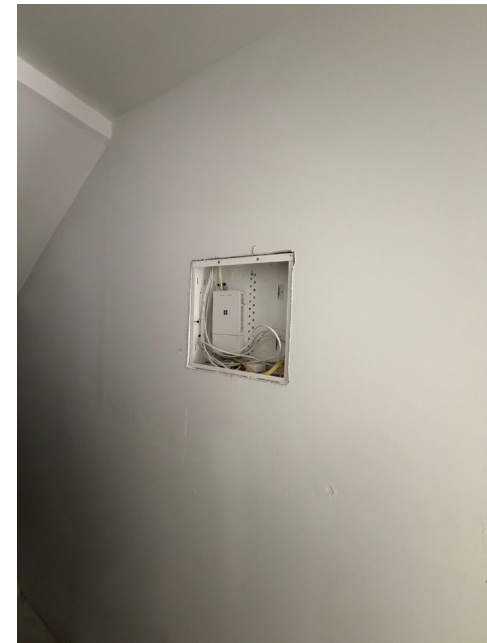
Construction

- Design Review
- Builder Coordination
- Infrastructure Installation
- Testing & Certification
- Documentation
- Project Handover



The Finished Product

A professionally designed telecommunications infrastructure that increases property value, improves resident satisfaction, and supports multiple providers for decades to come.



Contact Information

SmartCable LLC

Ricardo Santos – (801) 326-9903

Maria Helena Santos – (801) 410-2624

smartcableutah@gmail.com

www.smartcablefiber.com

13076 Padstow Ln, Herriman, UT 84096



SMARTCABLE
FIBER OPTIC SERVICES

Certifications & Background

Leadership & Technical Background

- Bachelor's Degree Electrical Engineering Technology
- Postgraduate Diploma – Quality Engineering
- Six Sigma Green Belt
- Industrial Mechatronics Technician

Fiber Optic Certifications

- FTTH Installer Certification
- CFOT (FOA) – 1705156
- PMP Certification (Project Management Professional) – In Progress

Safety & Field Training

- Work at Height Certification
- OSHA 10 - In Progress
- Confined Space Training
- Industrial Safety Experience