



FIBER INSIDE THE BUILDING—DONE RIGHT.

# THE KNET MICRODUCT SERIES #5

**Indoor Microducts:  
Safe, Slim, and Smart**



# Why Indoor Microduct Matters

Buildings demand strict safety and code compliance.

Installations must be clean, flame-safe, and efficient.

Indoor fiber routes should be easy to manage - even in tight or vertical spaces.



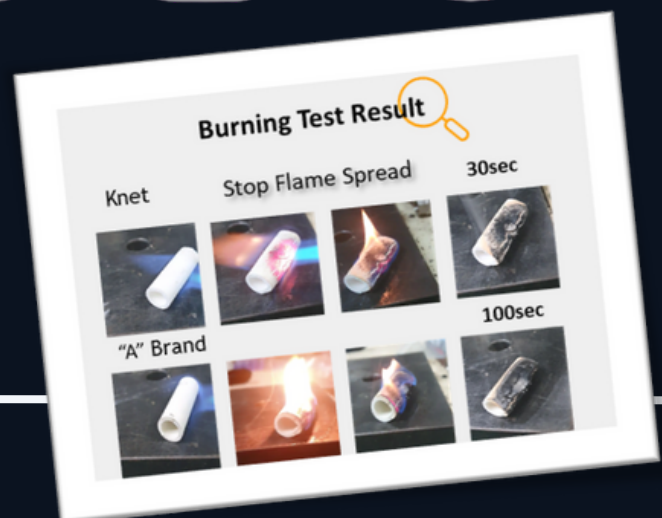
# Engineered for Performance & Safety

Each Indoor Microduct offers low-friction performance, making it ideal for fiber blowing. It is surrounded by a sheath of LSZH material that provides excellent fire resistance. This lightweight, metal-free, flexible microduct is designed specifically for indoor installation.

Made from Low Smoke Zero Halogen material, it minimizes toxic smoke and gas emissions during fire—critical for safety in enclosed environments like riser shafts and equipment rooms.



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Once construction is complete, it can be difficult or impossible to re-access the infrastructure. By pre-installing microducts to each unit, fiber drops can be blown in by a single installer as customers subscribe to the service—saving on most material costs, such as fiber drops, until the customer takes service.

6 Units / floor

19" Cabinet Rack

Connector/ End Cap

Duct Closure

Tel Riser

LSZH 5/3.5mm 6way

LSZH 5/3.5mm 1way

Optic Outlet (Customer)

3 x LSZH 5/3.5mm 12way

Each Tube ABF 2Core

MDF Room

6F

5F

4F

3F

2F

1F

B1F

Legend:

- Fiber Assembly Connector
- Patch Cord
- ODF
- Optic Outlet

Splitter Shelf

Patch Cord

FDH - Street Cabinet



# Ideal for Data Centers

Designed for dense cabling environments, KNET Indoor Microducts combine low-smoke materials with a compact, space-saving structure. They enable reliable fiber routing across raised floors, overhead trays, and tight server racks.

Built for high-density infrastructure, these microducts allow tighter bends, cleaner pathways, and improved airflow—maximizing usable space while minimizing cable clutter.

The result? Better cooling, easier maintenance, and smarter performance for today's modern data centers.

