

FTTH PRODUCT APPLICATIONS



**Accelerating Cost-Effective
Fiber Fed Deployments**

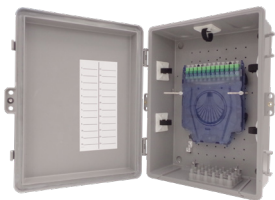


CLEARFIELD
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Whether large or small, FTTH deployment challenges can be quickly and easily overcome with Clearfield's craft-friendly, scalable family of FTTH products. Our scalable approach allows FTTH network planners to use common components in smaller deployments and grow the network by simply adding more of the same components. This methodology allows for cost-savings via reduced inventory that deploys in any size of FTTH project. From the CO or headend to the neighborhood FDH or even all the way to the final customer connection, these craft-friendly network components make deploying the FTTH network simple and fast.

Network providers can further protect and reduce fiber deployment costs by using Clearfield's FieldShield® Microduct and pre-connectorized fiber drops. These products help to eliminate the time consuming and costly task of splicing customer drops and distribution cables. High quality, plug-and-play assemblies allow for even the newest technician to quickly and easily turn up their FTTH customers.

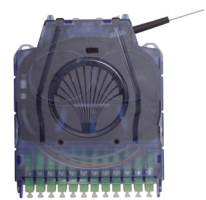
The following pages will illustrate how Clearfield® products help you deploy your FTTH networks faster, with lower cost and fewer SKU's — all without sacrificing quality.



YOURx™ Flex Box



**FieldSmart® FiberFlex
Active Cabinet**



Clearview® Blue



FieldSmart PON Cabinet



YOURx-Aerial Terminal



YOURx-Terminal



**YOURx-TAP Home
Deployment Kit**

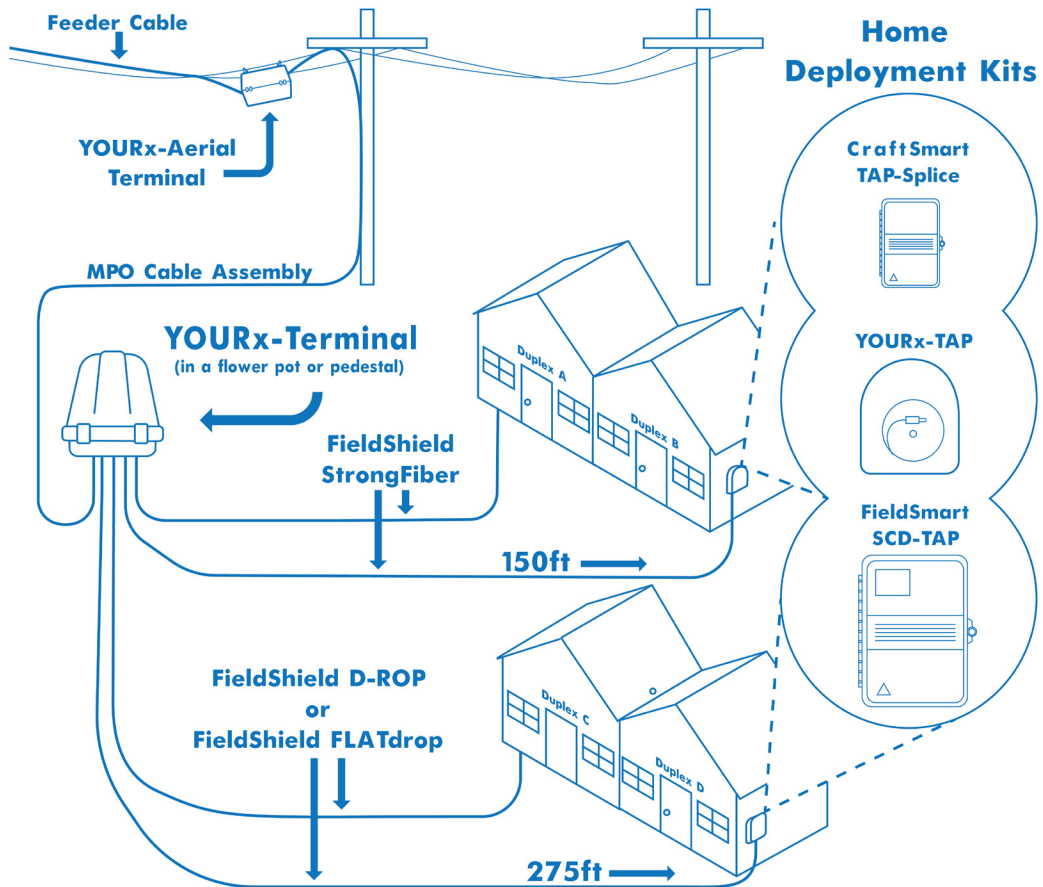


FieldShield Drop Cables



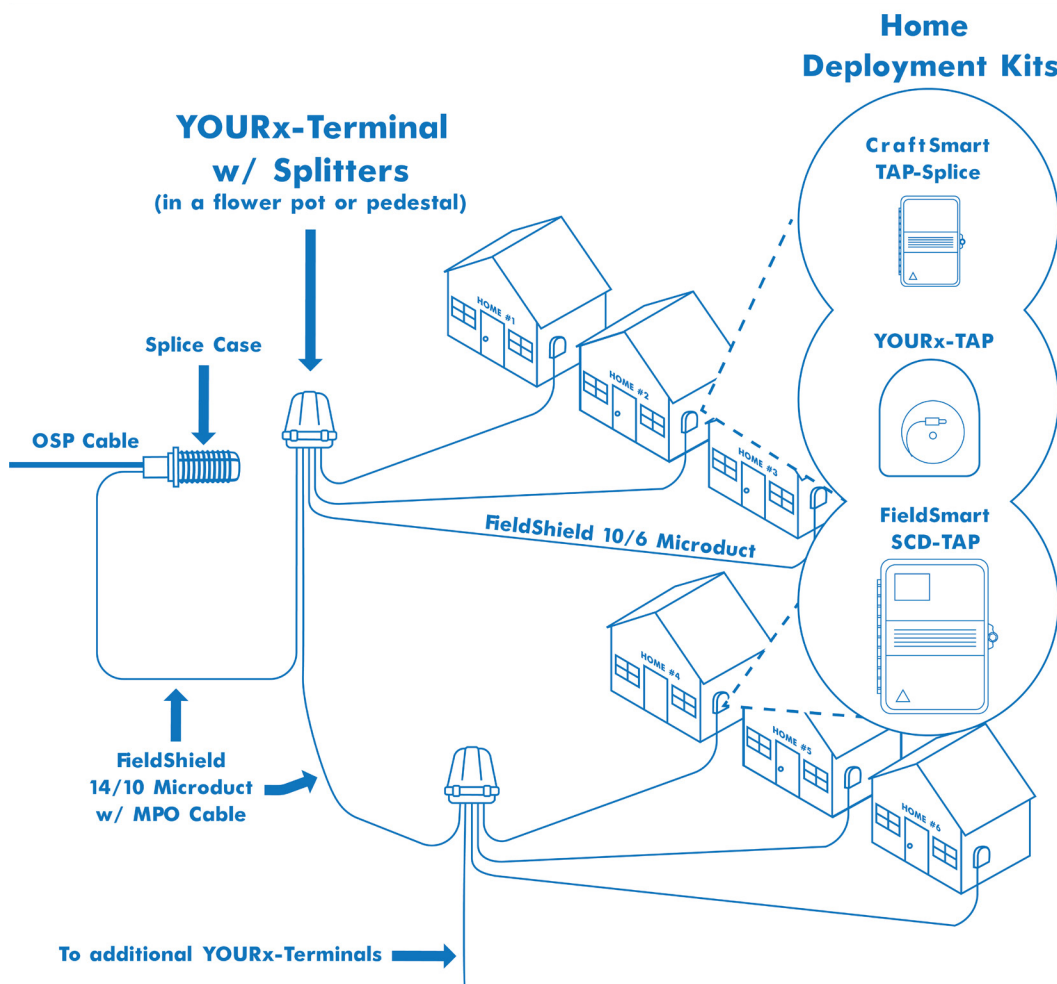
FieldShield Microduct

FTTH - Garden Style/Condo



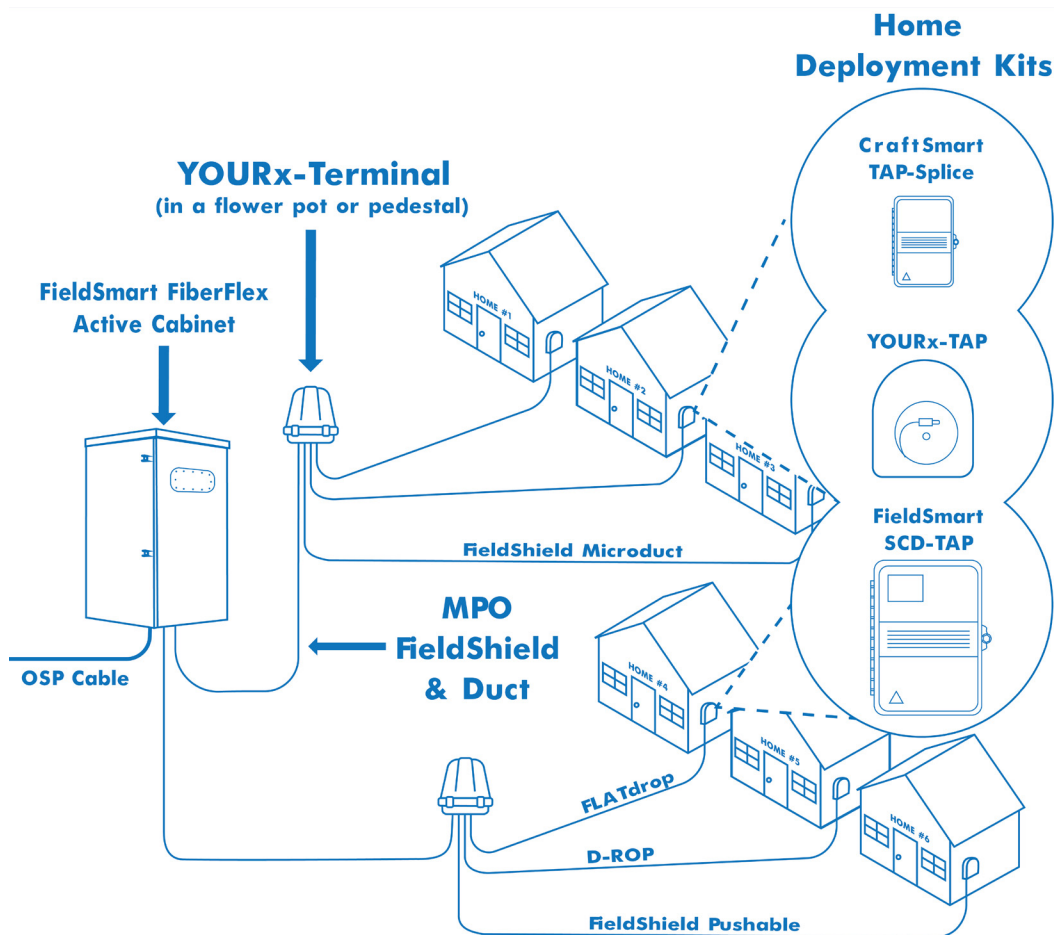
	Product	Description
Aerial	AFT-245-Z1F-Z1Z-01	Aerial Terminal with MPO Drops
Terminal	FSTX-04C-51Z-ZAZ	YOURx-Terminal with MPO Input and 4 SC/APC Drops
Microduct	FSD-C21-001-CQZ-CQZ XXXF	D-ROP Microduct with Pre-Connectorized SC/APC
Cable Assembly	HM1-012-PQD-P2D XXXF	12 Fiber Non-Toneable Flat Drop Cable with MPO to MPO Assembly xxxF
TAP Box	TAPX-EBJ-ZZZZ-ZZZZ	YOURx-TAP with SC/APC Adapter on Empty Reel

FTTH - Distributed Split Cascaded



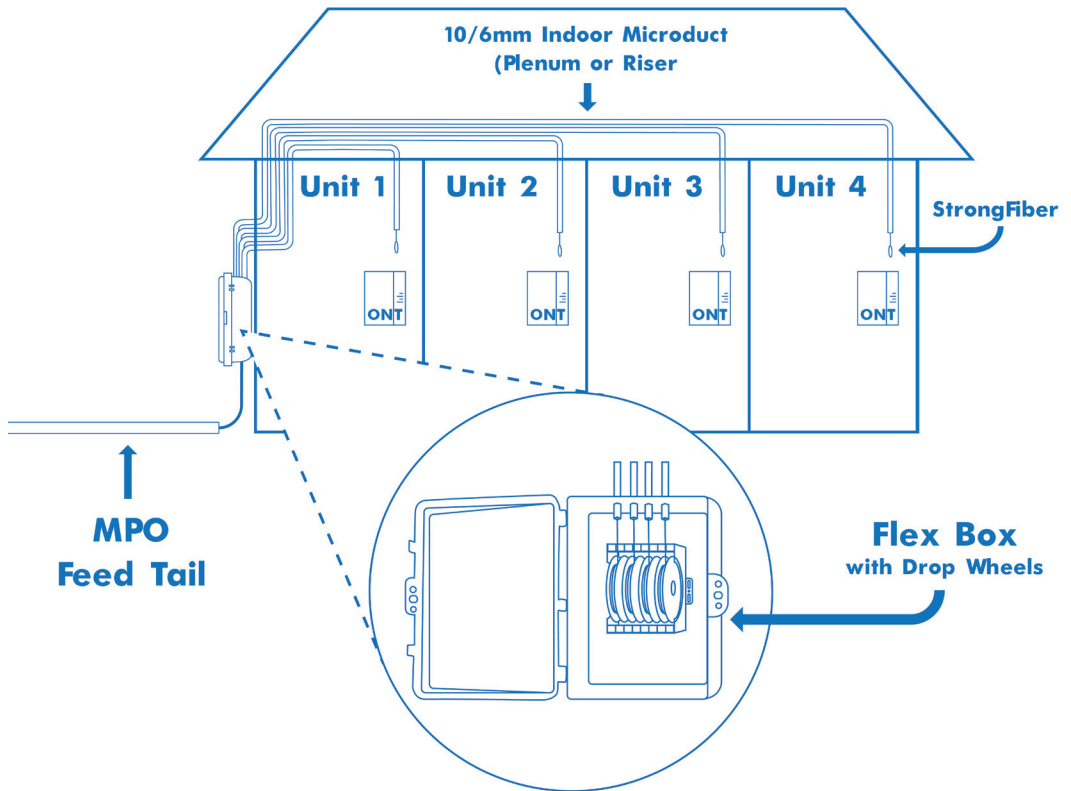
	Product	Description
TAP Box	TAPX-ABJ-CDSX-ZZZZ	YOURx-TAP with SC/APC Deploy Reel with xxxF of StrongFiber
Microduct	FS-DED-NT-210-PS-XXXXF	Microduct 10/6mm Direct Bury, Non-Toneable
Terminal	FSTX-15X-51Z-8ZZ-01	YOURx-Terminal MPO Input to 1x4 Splitter with MPO Expressed Out

FTTH - Node +0



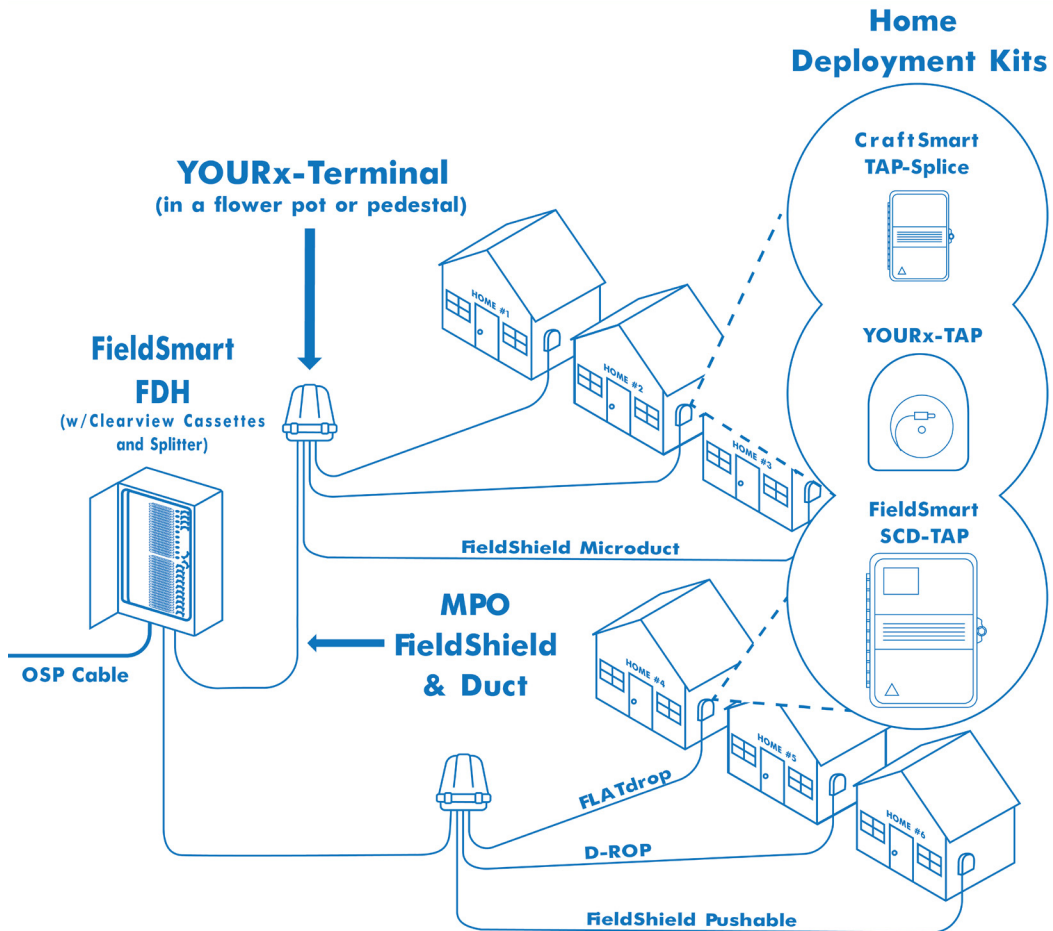
	Product	Description
Active Cabinet	R3DEC-2221E-432-C1F	Fiber Active Cabinet with Fiber Connectivity, AC Load Center, Rectifier System and Battery Back Up
Terminal	FSTX-12C-Z1W-XXX XXXF	YOURx Patch Only Terminal MPO to 4 SC/APC Drops
Microduct	FS-DEDT-214-PS-XXXF	Microduct 14/10mm, Direct Bury, Non-toneable
	FS-DEDT-210-PS-XXXF	Microduct 10/6mm, Direct Bury, Non-toneable
TAP Box	TAPX-ABJ-CDSX-ZZZZ	YOURx-TAP with SC/APC Deploy Reel with xxxF of StrongFiber
	TAPX-EBJ-ZZZZ-ZZZZ	YOURx-TAP with SC/APC Adapter on Empty Reel
FLATdrop	FSH-FIFC-4PAK	Field Installable FlexConnector Kit for FLATdrop

FTTH - Townhouse



	Product	Description
Flex Box	WQM-004-C15-DZZ	YOURx Flex Box with Duct Plate Loaded with 4 200' Drop Wheels SC/APC
Microduct	FS-DCR-NT-610-PS-XXXF	FieldShield Riser Rated 10/16mm Microduct

FTTH - Centralized Split



	Product	Description
Cabinet	RN2-288-C2E-200-B 100F	FieldSmart PON Cabinet with 4" Riser, Fiber Patch Only, 288 Maximum Capacity, Loaded with 288 SC/APC Distribution Ports, 2 x 144 Fiber OSP Ribbon Non-Rated Non-Armored, 100', 24 OSP Feeder Fiber Pigtail in Clearview Blue Cassette
Terminal	FSTX-12C-Z1W-XXX XXXF	YOURx Patch Only Terminal MPO to 4 SC/APC Drops
TAP Box	TAPX-ABJ-CDSX-ZZZZ	YOURx-TAP with SC/APC Deploy Reel with xxxF of StrongFiber
	TAPX-EBJ-ZZZZ-ZZZZ	YOURx-TAP with SC/APC Adapter on Empty Reel



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Learn more at www.SeeClearfield.com

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Clearfield, Inc. (NASDAQ: CLFD) designs, manufactures and distributes fiber optic management, protection and delivery products for communications networks. Our “fiber to anywhere” platform serves the unique requirements of leading incumbent local exchange carriers (traditional carriers), competitive local exchange carriers (alternative carriers), and MSO/cable TV companies, while also catering to the broadband needs of the utility/municipality, enterprise, data center and military markets. Headquartered in Minneapolis, MN, Clearfield deploys more than a million fiber ports each year.

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