

CORNING

# Know Your FlexNAP™ System

Do you know the benefits of the Corning FlexNAP™ system? Our FlexNAP system provides the most cost-effective method of deploying optical fiber in distribution networks at speeds significantly faster than traditional field installations. The increased speed of network deployment, along with the reliability of factory testing, offers significant value to you.

## Up to 5x Faster

plus 5x reduction in civil traffic/customer disruptions, when compared to traditional field installations.

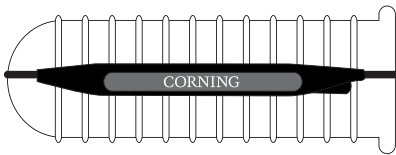


## Reduced Supply Chain/Installation Complexity

Fewer components to manage in the field.



## Slimline Overmolds



Reduces product space requirements.

## Increased Labor Efficiency

Faster subscriber turn-up using same crew.



Full Preconnectorized



Full Splice



## Concentrated Fiber Splice Locations

80 percent fewer field splice locations and up to 70 percent fewer splices total, when compared to traditional field deployments.



## Widespread Adoption

of homes using Corning's hardened preconnectorized solutions.

**>52M** Homes Passed    **1.8 M** OptiTip® Tethers



## Proven Reliability

with 99 percent of the buried network remaining operational during Hurricane Harvey (2017).



## Factory Quality

**100%** factory-tested components.



## Simple Repairs

Cable repair with standard procedures and practices.

Cable cuts managed similarly to bulk cable deployments.



# Plan your deployment

Let's get ready to start your FlexNAP™ design.

## 1 Pick your cable type

(Aerial is typically a 5 ft tether; Buried is typically a 15 ft tether)

- **Aerial**  
RPX® or loose tube
- **Buried**  
Toneable RPX or armored loose tube
- **Duct**  
Toneable RPX or loose tube

## 2 Pick your tether locations

- **How many homes do you want to serve per location?**  
2, 4, 6, 8, or 12 homes per tether loose tube  
4, 8, or 12 homes per tether RPX
- **Do you need one tether or more per location?**  
Once you know your tethers, you can move to your terminal selection

## 3 Make your terminal selection

- **Aerial**  
Multiport or MDU terminal products
- **Buried or duct**  
Multiport flex, multiport, or MDU

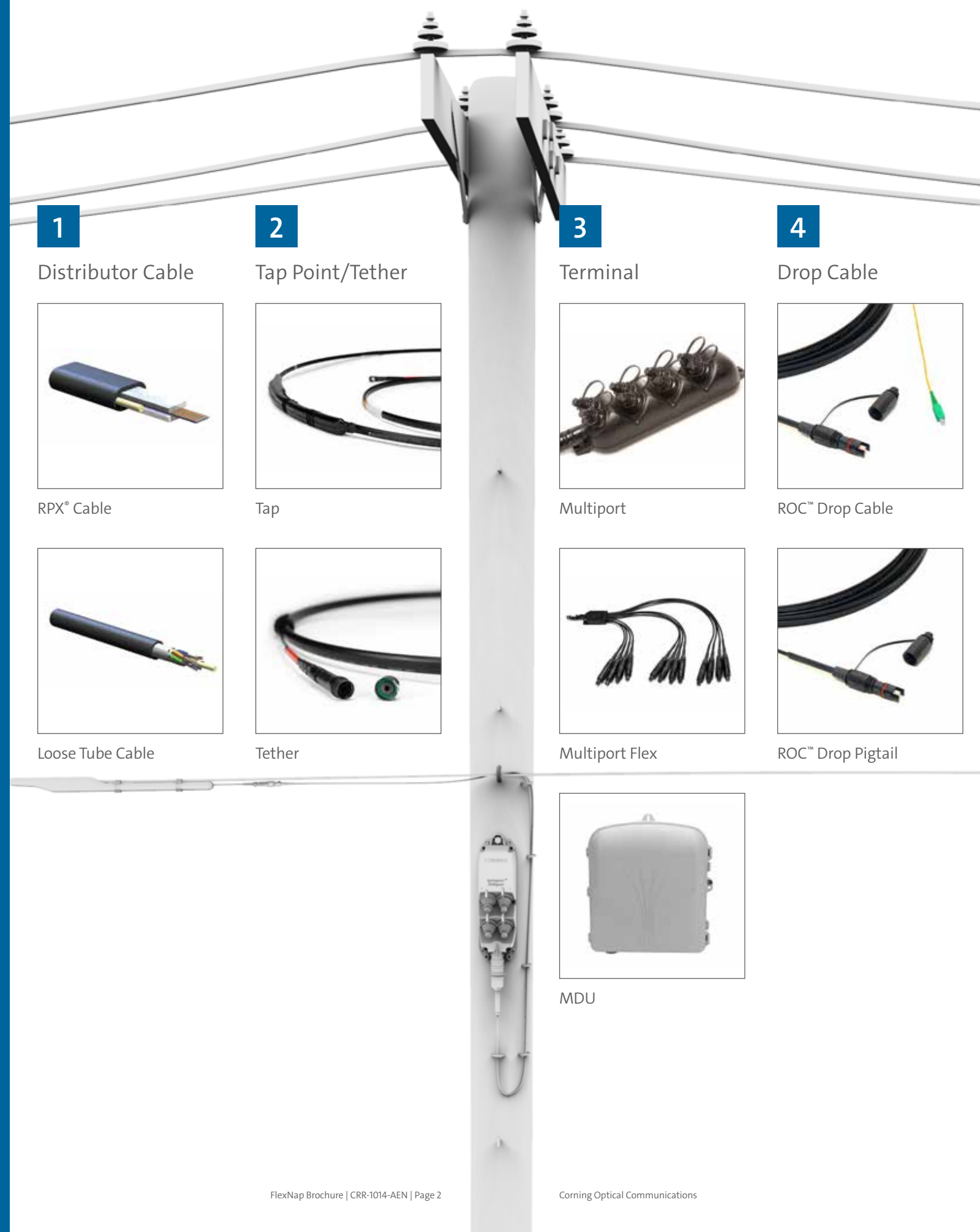
## 4 Drop Style Selection










Is your drop terminating inside or outside the house?

- **Outside ONT**  
ROC™ drop with home side typically SC APC or pigtail (assume connectorization or splice in field)
- **Inside ONT**  
ROC drop to transition housing or indoor/outdoor  
ROC drop to indoor ONT

## 5 Next Steps

Give us a call for product pricing, design support, or cable configuration. Contact 828-901-5000 today!



<p><b>1</b></p> <p>Distributor Cable</p>  <p>RPX® Cable</p>	<p><b>2</b></p> <p>Tap Point/Tether</p>  <p>Tap</p>	<p><b>3</b></p> <p>Terminal</p>  <p>Multiport</p>	<p><b>4</b></p> <p>Drop Cable</p>  <p>ROC™ Drop Cable</p>
 <p>Loose Tube Cable</p>	 <p>Tether</p>	 <p>Multiport Flex</p>	 <p>ROC™ Drop Pigtail</p>
 <p>MDU</p>			

# Connect your subscribers

You have subscribers. Now what?

## 1 Install Cable



## 2 Install Terminals



## 3 Install Drops



## We are here. We understand. We can help.

Ready to configure? Whether you are maintaining your infrastructure to stay ahead of bandwidth demand or building your network from the ground up, you have scores of decisions to make – and every one of them can impact your bottom line. Before exploring specific connectivity products, connect with us for value that extends well beyond our portfolio.

We'd be happy to discuss the details of your broadband vision and can provide you with a cost analysis that compares the speed and cost of deployment for a full-splice, semi-precon, and full-precon deployment in your community.

Learn more at [corning.com/community-broadband/next-steps](https://www.corning.com/community-broadband/next-steps)

The Corning logo consists of the word "CORNING" in a white, serif, all-caps font, centered within a solid blue square background.

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