

# HELIAX® Modular FTTA with Optional SkyBlox™ solution

Finally, a faster, greener FTTA solution that handles all your network changes in stride

As operators continue to add capacity to 4G networks and expand their 5G footprints, fiber-to-the-antenna (FTTA) strategies have become integral to network growth. However, antenna and radio capabilities are quickly evolving, configurations are growing more complicated, and deployment schedules more compressed. In addition, the financial and environmental impact of increased FTTA deployments is now being scrutinized. To continue growing their businesses, operators need FTTA solutions that can satisfy new network designs while accelerating deployments, lowering costs and reducing the network's carbon footprint.

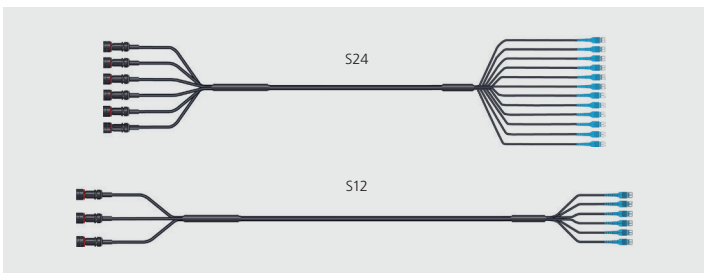
CommScope's HELIAX Modular FTTA solutions with SkyBlox breakout system provide a highly customizable and fast-deploying approach to continual network modernization.

## Modular FTTA cabling

HELIAX Modular FTTA solutions consist of configurable fiber, power or hybrid trunks and jumpers that can be directly connected to fiber jumpers, breakout boxes or CommScope's innovative SkyBlox breakout system. Trunks and jumpers are preconnectorized and preconfigured, enabling you to dramatically reduce the time and cost needed to prep, hoist and secure cabling to the tower. The modular design reduces inventory SKUs while increasing deployment options—making it easier to order, deploy and manage.

## SkyBlox breakout system (Optional)

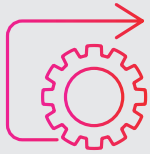
SkyBlox is a unique plug-and-play cable breakout solution that's deployed below the RRUs or active antennas. Compact, lightweight and stackable, each SkyBlox unit enables you to connect up to six active devices. Once deployed, upgrading the modular FTTA solution is as easy as replacing or adding jumpers. With the plug-and-play SkyBlox stackable breakout system, you can support continued network growth while minimizing your tower footprint.



## Meet your toughest FTTA challenges, now and next.

The HELIAX Modular FTTA solution with SkyBlox breakout modules can be deployed individually or together. When deployed together, they provide a powerful combination of speed, savings, scalability and sustainability that helps you meet your toughest challenges, today and tomorrow, in stride.

### Faster deployment, lower costs



- Preconnectorized trunks and jumpers
- Fewer cables and lightweight SkyBlox reduce tower loading
- Only one installer required
- Fewer components, more design options, better CapEx/OpEx

### Future ready



- Upgrade capabilities and components by adding or replacing jumpers
- Stackable SkyBlox breakout modules provide headroom for growth
- Configure trunks to add more fiber and power capabilities

### Sustainably greener



- Recyclable cabling is CPR class CCA rated for safety, compliance and sustainability
- SkyBlox breakout modules are 100 percent recyclable
- Preconnectorized trunks and jumpers reduce field waste

## Getting it done with CommScope

For over 40 years, CommScope has leveraged our global R&D resources, deep fiber and RF path experience and close customer relationships to help network operators adapt and evolve. CommScope pioneered many of the infrastructure innovations that paved the way from 2G to 3G to 4G and 5G. We bring all our resources and experience to bear on engineering FTTA solutions and strategies that keep our customers fast, agile and ready for what's next. With solutions such as our modular FTTA design and stackable SkyBlox breakout modules, we provide mobile network operators the flexibility and time savings to keep their 4G and 5G networks prepared for the changes to come.

**For more information about CommScope's HELIAX modular FTTA solution with SkyBlox breakout system, contact your CommScope representative.**

[Explore our FTTA solutions](#)

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CO-117508-EN (04-23)