**Fiber-to-the-antenna (FTTA) solutions**

**Applications**

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<th>HELIAx FiberFeed® Hybrid Pendant</th>
<th>HELIAx FiberFeed® Hybrid Direct</th>
<th>HELIAx FiberFeed® Hybrid Standard</th>
<th>HELIAx FiberFeed® Individual Hybrid Sector</th>
<th>HELIAx FiberFeed® Discrete</th>
<th>HELIAx FiberFeed® Discrete Plug-and-Play</th>
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<td>Hybrid fiber/power breakout terminal with hybrid trunk</td>
<td>Hybrid fiber/power breakout assembly</td>
<td>Hybrid fiber/power breakout using a distribution box</td>
<td>Standard hybrid fiber/power</td>
<td>Separate fiber/power</td>
<td>Fiber/enclosure</td>
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</table>

**Features and benefits**

**Simplification**
- Adaptable design to mate with any RRU

**Speed of deployment**
- Advanced plug-and-play installation with hybrid connector ports on breakout terminal

**Future-ready**
- High port counts provide spare capacity for adding future RRRs

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**Reduced complexity for high-count RRU sites; accelerated rollouts; save time, space, and leasing costs**

**Accelerated rollouts for high-count RRU sites; save time, space, and leasing costs**

**Speed of installation and fewer cables, while maintaining configurability with a junction box**

**Site builds where an economical solution is desired, yet space is limited and/or fast installation time is a priority**

**Upgrades or replacements where an economical solution is desired**

**One solution serves multiple RRU vendors and quick installation**

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**Simplification**
- Adaptable design to mate with any RRU with matching hybrid tail

**Cost effectiveness**
- Blends power and fiber into one cable

**Installation flexibility**
- Allows convenient reconfiguration of wiring inside the junction box

**Future-ready**
- Choice of power conductors and fiber count

**Enhanced scalability**
- Using a single hybrid trunk cable with a junction box enables adding new RRRs by simply adding supporting jumpers

**CapEx savings**
- Cable price is almost the same as “separates,” but labor and accessory costs are cut in half*

**Speed of deployment**
- Reduces installation time by more than half over traditional market approach

**Tower space**
- Takes up half the space of “separates,” saving on tower leasing costs

**Inventory management**
- One hybrid cable replaces a power cable and various OEM-specific fiber cable designs

**Budget**
- Attractive when material cost is a priority over total solution cost

**Speed of deployment**
- Accelerates fiber deployments

**Installation ease**
- Pre-assembled & pre-tested

**Future-ready**
- Scalable to add new RRRs—supports up to six RRRs

**Inventory management**
- Fewer parts to manage

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*Based on a June 2016 time study