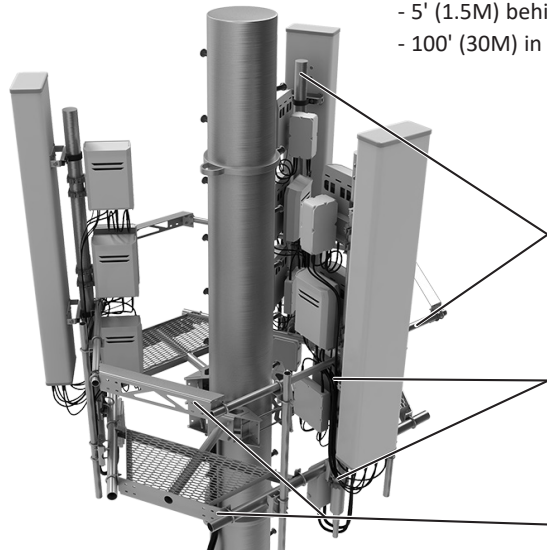


## HELIAX® PIM Guard Applications

PIM Guard Accessories, reduce the PIM where it matters most, the Hi-Risk PIM zone exists in close proximity to the antenna; in front, above, below, and even behind it. The zone is defined as:

- 10' (3M) directly above or below the antenna
- 5' (1.5M) behind the antenna
- 100' (30M) in front of the antenna



**Mounting to Round Member for cable support**  
 Material ID: PGP-CS04, PGP-CS08, PGP-CS10, PGP-CS12, PGP-CS16, PGP-CS18, SA-3C, SA-1C, UHA-3C, FBR-COIL-S

**Supporting Fiber / Power / Coax cables**  
 Material ID: SSH-411, SSH-1117, SSH-1014, SSH-1416, SSH-47, SSH-710, SWH-200-10, SA-ISO

**Mounting to Angle Iron for cable support**  
 Material ID: UA-3C, SA-3C, UHA-3C, FBR-COIL-S

## SnapTak Adjustable Hangers



Material ID:	Description:	Application:	Use with:	CommScope Cable series:
<a href="#">SSH-411</a>	Polymer Snap-in Adjustable Hangers	Support cables from 4.0mm to 11.0mm in diameter.	3/4" stamped holes, PGP-CS04, PGP-CS08, PGP-CS10, PGP-CS12, PGP-CS16, PGP-CS18, UA-3C, SA-3C, SA-1TR, SA-1C, UHA-3C	DFJ-2S123   FJ-1S,2S,3S,4S,6S,8S, 12S   DFJ-2S320   FHBDW-H2   FJ-4MM   DFJ   FJ-2SM, 4SM   FJ-1SM   FSJ1   PTS1   DFJ-12S   RFFT   ATCB-B01 (RET data cable)
<a href="#">SSH-1117</a>	Polymer Snap-in Adjustable Hangers	Support cables from 11.0mm to 17.0mm in diameter.	3/4" stamped holes, PGP-CS04, PGP-CS08, PGP-CS10, PGP-CS12, PGP-CS16, PGP-CS18, UA-3C, SA-3C, SA-1TR, SA-1C, UHA-3C	PWRT-212-S   LS2   PWRT-312-SC   PWRT-208-LI   PWRT-210-S   FSJ4   HL4   AL4   LDF4   PWRT-208-S



[Installation Bulletin:](#)

## SnapWrap Adjustable Hanger



Material ID:	Description:	Application:	Use with:
<a href="#">SWH-200-10</a>	Polymer Snap-in Adjustable Wrap Hanger	Bundle multiple cable types and sizes into a 1/2" (12.7mm) to 2" (50.8mm) bundle.	3/4" stamped holes, PGP-CS04, PGP-CS08, PGP-CS10, PGP-CS12, PGP-CS16, PGP-CS18, UA-3C, SA-3C, SA-1TR, SA-1C, UHA-3C



[Installation Bulletin:](#)

## Cable Support Brackets



Material ID:	Description:	Application:	Use with:
<a href="#">PGP-CS04</a> , <a href="#">PGP-CS08</a> , <a href="#">PGP-CS10</a> , <a href="#">PGP-CS12</a> , <a href="#">PGP-CS16</a> , <a href="#">PGP-CS18</a>	Polymer 4 to 18 position cable support brackets	Antenna and RRU cable support brackets accommodate 8 to 36 cables. Up to 2 stackable hangers per position.	All SnapStak and SnapTak hangers, SWH-200-10



## Angle Adapter





Material ID:	Description:	Application:	Use with:
<a href="#">UA-3C</a>	Polymer two hole angle adapter	Angle member attachment. Includes torque stop set bolt to ensure proper attachment force. Two 3/4" holes for Snap-in style hangers.	All SnapStak and SnapTak hangers, SWH-200-10





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## Standoff Adapters

	Material ID: <a href="#">SA-3C</a>	Description: Polymer three hole standoff adapter	Application: Two sets of slots for round member attachment. 3/8" holes for bolt down attachment. Three 3/4" holes for Snap-in style hangers.	Use with: All SnapTak hangers, MCLICK Hangers, SWH-200-10	
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	Material ID: <a href="#">SA-1TR</a>	Description: Polymer multi-function one hole standoff adapter	Application: Snaps into 3/4" holes or threads into 3/8" & 1/2" bolts & U-bolts. One 3/4" hole for Snap-in style hangers.	Use with: All SnapTak hangers, MCLICK hangers, SWH-200-10	
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	Material ID: <a href="#">SA-1C</a>	Description: Polymer one hole standoff adapter	Application: Round member attachment. One 3/4" hole for Snap-in style hangers.	Use with: All SnapTak hangers, SWH-200-10	
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	Material ID: <a href="#">UHA-3C</a>	Description: Polymer universal three hole standoff adapter	Application: Round member or angle member attachment. Three 3/4" holes for snap-in hangers, or locations to mount three grommets or has a 3/8" holes for threaded rod attachment.	Use with: All SnapTak hangers, MCLICK hangers, cable grommets, SWH-200-10	
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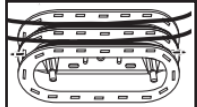
[Installation Bulletin:](#)

## SnapStak Isolator

	Material ID: <a href="#">SA-ISO</a>	Description: Polymer one hole isolator for Snap-in Adjustable Hangers	Application: Snaps in between hanger and mounting surface, and between stacked hangers to remove metal to metal contact.	Use with: 3/4" stamped holes, all SnapStak hangers	
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## Excess Cable Management

	Material ID: <a href="#">FBR-COIL-S</a>	Description: Engineered plastic fiber coiling reel	Application: Round member or angle member attachment. Accommodates 16' (5M) of excess 7mm fiber.	Use with: 5-7mm fiber cables	
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