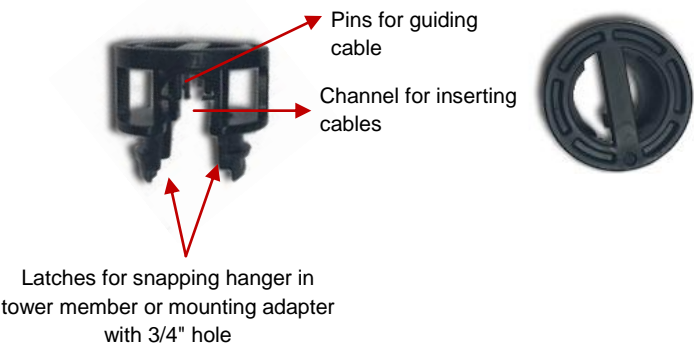


Polymer Snap-Tak Hangers

POLYMER SNAP-TAK HANGER FOR NEAR FIELD PIM MITIGATION.



General Specifications

Cable Per Hanger	1
Hanger Type	Snap-in Hanger
Color	Black
Material Type	Engineered Plastic
Maximum Stack Height	3
Mounting	3/4 in Hole

Environmental Specifications

Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
UV Resistance, minimum with no degradation	1000 hours exposure in accelerated UV life chamber
Vibration Survival	4 hours at resonant frequency
Environmental Strength Capability	Double cable weight

Packaging

Package Quantity	10 pcs
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Part Number	Suitable Cable Diameter	Maximum Stack Height
TH445-SH47	4.0 mm to 7.0 mm	Three (3)
TH446-SH710	7.10 mm to 10.0 mm	Three (3)
TH447-SH1014	10.10 mm to 14.0 mm	Three (3)
TH448-SH1416	14.10 mm to 16.0 mm	Three (3)

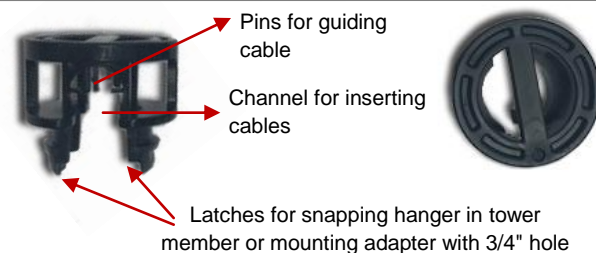
When installed properly, this product meets the requirements for installation in High Risk PIM Zones. Static and dynamic testing was conducted per IEC 46/666 “Passive RF and Microwave Devices, Intermodulation Level Measurement”, “Part 8: Measurement of passive intermodulation generated by objects exposed to RF radiation” and IEC 62037-1.

# Installation Instructions

## Polymer Snap-Tak Hangers

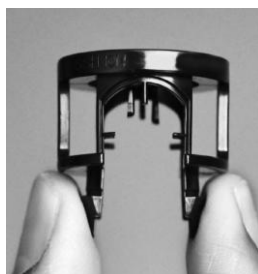
POLYMER SNAP-TAK HANGER FOR NEAR FIELD PIM MITIGATION.

### General Instructions



#### **TH445-SH47**

The SnapTak hanger has a circular support channel and multiple support members to engage the cable. Go to Step 1A



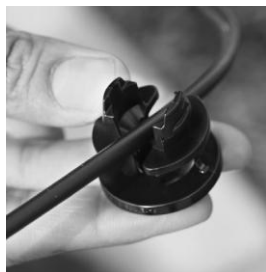
#### **TH446-SH710 & TH447-SH1014**

The SnapTak hanger has two main support members to engage the cable and six guide pins to help center the cable. Go to Step 1B



#### **TH448-SH1416**

The SnapTak hanger has two main support members to engage the cable and six guide pins to help center the cable. Go to Step 1B



#### **STEP 1A**

Press hanger onto cable until cable centers in channel.

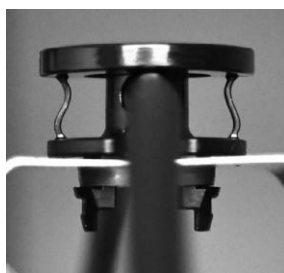
Push cable into the support channel with finger or thumb while expanding hanger latches.



#### **STEP 1B**

**SSH1416X** - Press hanger onto cable until cable centers in channel.

**SSH710X & SSH1014X** - Press hanger onto cable until cable centers in channel. Guide pins are designed to snap off on large cables.



#### **STEP 2**

Cable should be centered in channel area and pressed in place.



#### **STEP 3**

Push SnapTak hanger in tower member or mounting adapter with 3/4" hold. Snap the latches in place.

When installing in a High Risk PIM Zones, ensure the stand-off is PIM mitigation approved.



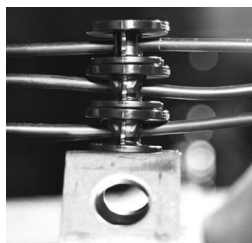
#### **STEP 4**

Polymer SnapTak hangers may be snapped into any other metal or polymer SnapTak hanger size.

Metal snap-in hangers are not allowed in High Risk PIM Zones.

#### Acceptable Stack Combinations

Part Number	Suitable Cable Diameter	Maximum Stack Height
TH445-SH47	4.0 mm to 7.0 mm	Three (3)
TH446-SH710	7.10 mm to 10.0 mm	Three (3)
TH447-SH1014	10.10 mm to 14.0 mm	Three (3)
TH448-SH1416	14.10 mm to 16.0 mm	Three (3)



#### **WARNING:**

- This product is to be used for horizontal cable management and cable organization between devices such as RRUs and antennas on the top of towers and rooftops only. It is not to be used for vertical cable runs up the tower unless specified.*
- Removal requires pressing together of the mounting ears either by hand or proper pliers. Prying out the hanger with a screwdriver or other tool should not be attempted.*

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