AvertX IP66 Cable Connectors will protect the wire connection from weather in unprotected outdoor locations. It is not needed in an indoor or weather protected location. **You do not need to re-terminate the cables to attach the IP66 Cable connectors**

1. Slide the thread lock cap over the RJ45 cable end. Stretch the rubber plug over the RJ45 connector. **TIP:** Use needle nose pliers to stretch the rubber plug and slide over the RJ45 cable end.

2. Slide the RJ45 enclosure over the RJ45 cable end and insert the rubber plug in the “crown” of the RJ45 enclosure. Make sure the RJ45 cable end lines up with the inside of the RJ45 enclosure.

3. Slide the rubber “O” ring over the camera cable. Plug RJ45 cable end into the camera cable.

4. Slide the thread lock cap onto the RJ45 Enclosure and twist to tighten.

**Note:** When using a camera cable with a booted RJ45 cable end, wrap the connector with electrical tape to ensure a watertight connection. Be sure to cover the entire assembly and 1” of cable on both sides of the connector with tape.
For optimal IR nightvision performance on dome cameras, please follow these guidelines:

**HD820 Autofocus Dome Camera**
IR LEDs should be oriented below camera lens.

**HD320 Mini Dome Camera**
Light sensor should be oriented below camera lens.

For best night vision performance, be sure IR LEDs are not blocked by the edge of the dome.