



TIGER TIPS



HIGH-VOLTAGE COUPLER CARE

In many cases, a lot of downtime can be eliminated with good coupler care. Below are some tips on how to get the most uptime from your couplers. These steps are easy to do and only require a few extra minutes of time, but saves hours of removal and repair after being improperly moved or stored.

- **Moisture ingress** is one of the biggest causes of coupler failure. When cables are disconnected and left unplugged for more than a few minutes, they should be covered with properly gasketed caps. Couplers are gasketed, and may also use internal compounds to protect against contamination and moisture ingress. If they are continually exposed to outdoor weather elements, cable assemblies should have additional protective measures applied to avoid water pooling on the gasket surfaces or other areas that may compromise sealing capabilities – especially where significant temperature fluctuations, heavy rain combined with wind, and / or freezing temperatures may be experienced.



- Ensure couplers are **properly secured** to the reel during winding and unwinding to avoid damage to the couplers, and make sure the covers are securely in place.
- **Avoid dragging** couplers when moving cables.
- When storing cable assemblies for extended periods of time, **avoiding full exposure to outdoor environments**. Options include:
 - Indoor storage location
 - Elevating the reels off the ground and covering with a secured tarp

It is also strongly recommended to use a shrink wrap covering over the couplers. A shrink wrap covering of the entire reel if the period of storage is uncertain is the best practice.

