**Problem:**
Cable Assembly twists and stresses not only when aligning the connector and receptacle, but also while in-use.

**Solution:** SWIVEL
Adapters with the Entraco SWIVEL are low-profile, and provide an excellent seal and conductive path. The SWIVEL allows easier plug-to-receptacle clocking alignment, as well as absorbing cable torque, while in use.

**Typical application of SWIVEL:**
Sikorsky UH-60A BlackHawk Tail Rotor

- Sealed System
- Excellent Conductive Path
- Absorbs cable torque
- Free clocking
Cadmium is rated as a toxic material and its use is discouraged. **Entraco TTH** plating replaces Cadmium, and surpasses its anti-corrosion characteristics by 200%*. In addition, it offers superior abrasion and impact resistance.

*(600% in the Salt & Sulfuric Acid Stack Gas test)*
Entraco ENTRA-LOK device employs an internal, anti-vibration detent mechanism that acts as a "lock", without the use of safety wire. This is the **lightest, low-profile** design in the industry.

*The only self-locking coupling qualified to Mil-C-85049 which meets the SMALLER Envelope Dimensions Requirements of the Original Standard 85049 Non-locking Parts.*

(Standard Safety Wire Solution):
**Problem:**
Internal shield terminations difficult to install and repair

**Solution:**  **MISTY™**

Entraco Multiple Internal Shield Termination Yoke (**MISTY**) provides effective grounding with ease of installation, in a low-profile, lightweight system. And its repairability features are exceptional.

- Provides minimum resistance from shield-to-ground
- Provides 100% EMI encapsulation
- Low-profile & Light-weight
- Provides ease of installation and repair
- Allows for many shield-termination options, including solder-tack, solder-cup, crimping, strapping and pinning
- Provides access to connector pins without disturbing internal shield terminations

**MISTY Installation**

- Terminate individual shields to yoke.
- Recess yoke into adapter.
- Mate with connector.

**Several MISTY™ Termination Methods:**

- CRIMP BAND or STRAP
- SOLDER CUPS
- CLOCKING TEETH

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