

Amphenol[®]

EC Systems

Amphenol EC Systems is THE leading provider of Service Loops and Cable Assemblies to the drilling equipment industry. As drilling equipment and, specifically, Top Drive Systems travel up and down in the drilling mast, a robust and reliable umbilical is necessary to provide the electrical and hydraulic power from the rig to the equipment.

Expertise

We leverage 30 years of unparalleled experience, depth of product offering, and process expertise to provide Service Loop and Cable Assembly solutions.

Quality

As a leading supplier of interconnect solutions, Amphenol extends this level of quality to our Service Loops and Cable Assemblies through premium components and proven processes.

Commitment

We cultivate customer partnerships through commitment to customer support, technical innovation and service capability.



***The most reliable, durable, cost-effective
Service Loops on the market. Period.***

The Amphenol[®] Advantage

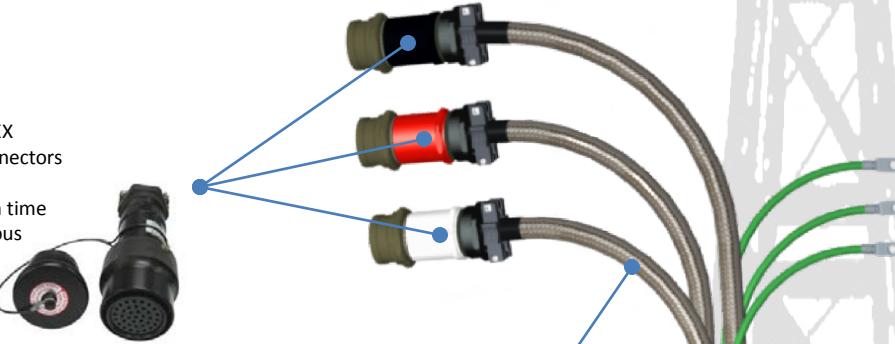
ECSystems

Inside Our Service Loops

Connectors

- Amphenol Starline & Starline-EX Connectors are *the* certified connectors for oil & gas markets
- Provides quick rig-up/rig-down time
- Certified for Zone 1-IIc hazardous locations

Amphenol[®]



Cable

- RSCC Exane[®] product: irradiated cross-linked polyolefin, market leader for Type P cable
- Certified cabling for VFD, control, instrumentation and custom applications
- Cable bundled with a calculated spiral pitch to neutralize cyclical stresses during dynamic operation and reduce noise in VFD applications



Drawing courtesy R-SCC.com

Flanges

- Flange patterns to meet customer specifications
- Nickel-plated or stainless steel depending on application



Polymer Potting

- All loops secured at flange ends with epoxy adhesive to support cable weight
- Dynamic loops fully potted with pliable polyurethane to eliminate conductor failures caused by constant flexing

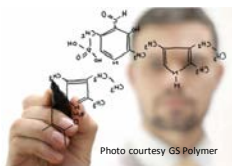


Photo courtesy GS Polymer



Covers

- Protects internal bundle from abrasion, harsh environments, and mechanical damage
- Standard or MSHA-approved
- Custom lay lines applied straight as a visual indicator that the service loop has not been twisted



Flexing Loop

Stationary Loop

