

Amphenol[®] EC Systems

Amphenol EC Systems is THE leading provider of Ruggedized Cable Assemblies, Service Loops, & Customized Cable Solutions

Expertise

We leverage 30 years of unparalleled experience, depth of product offering, and process expertise.

Quality

With premium components and proven processes, Amphenol delivers market-leading quality.

Commitment

We are committed to being *the* leader of ruggedized cable solutions for the harshest environments.

Our Focus:

Power, control & instrumentation cable assemblies utilizing primarily Amphenol Starline/Starline-EX connectors.

Special Processes:

- High quality, low to high volume certified cable assembly and value-add facility.
- High Potential (HIPOT), continuity, and insulation testing on 100% of assemblies.
- Service loop & connector potting for enhanced reliability.



ISO certified Quality Management System



Ruggedized Cable Assemblies



Cable Assemblies



Customized Value-Add



The most reliable, durable, cost-effective cable solutions on the market. Period.

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The Amphenol[®] Advantage

EC Systems

As heavy equipment moves about harsh environments, robust and reliable cable management systems are necessary to provide electrical and hydraulic power and controls. EC Systems' Drag Chains provide a ruggedized solution, customizable for any need.

Drag Chains

Track

- Customizable sizes engineered based on specific weight and travel requirements
- Standard or stainless steel construction of highest material standards
- Anti-friction nylon discs for smoother, quieter operation; extreme temperature discs are available on request
- Customizable travel (horizontal, vertical, one-way, two-way)
- Side-by-side (double or triple) tracks available

Carrier

- Separates hoses and cables to minimize friction
- Designed to accommodate specific cable and/or hose sizes and quantities
- Various materials and styles available depending on customer requirements (e.g. nylon separators, nylon rollers, removable carriers, etc)

Cable/Hose

- Cable, hose size and quantities selected based on customer requirements
- Industry-leading cable for improved thermal resistance and mechanical properties
- Eaton Triple Crown hose: increased temperature performance, abrasion resistance and pressure ratings over competition

Ordering Guidelines

- Size, weight and number of cables/hoses (standard drag chains accommodate cable/hose between 1.0" - 7.5" in diameter)
- Travel direction (single or two-way; horizontal or vertical orientation)
- Bend radii (standard drag chains are between 3.0" - 36", depending on application); needs to be greater than minimum bend radius of the least flexible cable/hose
- Carrier width (standard widths are between 2.0" - 24")
- Length (total travel required)
- Maximum speed (standard speeds are between 300-500 ft/min)
- Mounting dimensions/ special brackets required

