Connectorized and Pre-Loaded

HIGH PERFORMANCE CABLE CARRIER SYSTEMS

TPC WIRE & CABLE CORP.  
EXPECT HIGH PERFORMANCE®
Within a cable carrier system, the cable package usually makes up the majority of the investment. TPC Wire & Cable Corp. will provide a solution for you using our high quality, flexing cable. Your new system will be delivered to you as a bundled system ready for installation, saving you labor, downtime, and most importantly, worries.

Often times, the cable package will fail before the cable carrier fails. Choosing high quality, high performance electrical cables, and connectorizing these cables, is imperative to saving labor, material and downtime costs.

**The Value Add**

TPC Wire and Cable Corp. provides proven solutions! Our thorough knowledge of mobile electrification applications allows our experienced engineers and sales people to help you with custom solutions and electrical cables to address your specific needs.

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**It takes ideas to create solutions and quality products to implement them!**
ENGINEERED PRODUCT REQUEST FORM:
CABLE CARRIER SYSTEMS

TPC WIRE & CABLE CORP. 9600 VALLEY VIEW ROAD, MACEDONIA, OH 44056 • TEL: 888-364-3378 • FAX: 866-319-0056 • WEB: WWW.TPCWIRE.COM

Sales Rep: | Rep No: | Customer #: | Date: |
---|---|---|---|

Customer: | Distributor: |
---|---|
Contact: | Contact: |
Phone Number: | Phone Number: |
Fax/e-mail: | Fax/e-mail: |
Managers Name: | Segment: |
---|---|

Requote Part #: | RFQ #: |
---|---|

SYSTEM INFORMATION

1) Application:
- New [ ] Replacement [ ]

Make / Model of Equipment:
Current Brand:
Part Number:

2) Drawing Available? Y [ ] N [ ] Date Sent: |

3) Pictures Available? Y [ ] N [ ] Date Sent: |

4) Install Date? |

Comments:

ENVIRONMENTAL ABUSES

- Abrasion [ ] Molten Splash [ ]
- Chemicals [ ] Twisting [ ]
- Fluids [ ] UV Rays [ ]
- Gases [ ]
- Grease [ ] Other: |

Ambient Temperature: Please Note Fahrenheit (°F) or Celsius (°C)
Minimum Temperature: |
Maximum Temperature: |

TRAVERAIL ORIENTATION

- Horizontal Lower Bracket Fixed [ ]
- Horizontal Upper Bracket Fixed [ ]
- Vertical Curve Down [ ]
- Vertical Curve Up [ ]
- Combination Vertical/ Horizontal [ ]
- Opposed [ ]
- Nested [ ]
- Side Mounted [ ]
BRACKET CONFIGURATION

<table>
<thead>
<tr>
<th>Fixed End:</th>
<th>Out</th>
<th>Moving End:</th>
<th>Hole Spacing (A): Fixed &amp; Moving</th>
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<tr>
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<td>Mounting Holes In</td>
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<td>Mounting Holes Out</td>
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<tr>
<th>Hole Spacing (B): Fixed &amp; Moving</th>
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<tr>
<td>Mounting Holes In</td>
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<td>Mounting Holes Out</td>
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<th>Stud Size:</th>
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CURRENT CARRIER DIMENSIONS

(H) Height: 

(W) Width: 

Is Track in a Trough or Chanel?  Y ☐  N ☐ 

Max (W) Width Allowed: 

Comments: 

CARRIER REQUIREMENTS

Total Travel Length: Please Note if in Inches or Millimeters 

Is the Fixed End in the Center?  Y ☐  N ☐ 

If No, What is Offset Distance? 

Maximum Travel Speed: 

Cycles/Hour: 

Hour/Day: 

Days/Week: 

Curve Height (Hc): 

Cable Length Moving End (Lm): 

Cable Length Fixed End (Lf): 

Comments: Ex: Clearance issues with curve height or mounting.
# System Contents

**Cables**

(Fill out separate RFQ for each cable assembly)

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>PART #</th>
<th>OD</th>
<th>OTHER</th>
<th>*Connector End 1</th>
<th>*Connector End 2</th>
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**Hoses**

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<tr>
<th>QUANTITY</th>
<th>PART #</th>
<th>MFG</th>
<th>COLOR</th>
<th>OD</th>
<th>ID</th>
<th>TYPE (Air/Hyd/Water)</th>
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**Comments**: Ex: Hose connector part number (Note each cable/hose length from fixed and moving ends is different)
Connector Assemblies

**HDLC ASSEMBLIES**
Heavy-Duty Locking Connectors
Three quarter turn reverse bayonet coupling system is easy to connect and disconnect. Positive locking indent prevents accidental uncoupling. Inserts are environmentally sealed to protect the connection from oil, water and chemical contamination. 18 AWG to 1/0 – up to 65 pins/contacts.

**MILITARY ASSEMBLIES**
Designed for a Wide Range of Industrial Applications
Assembled with custom TPC backend hardware for environmental sealing and superior strain relief. Molded backends available.

**RECTANGULAR ASSEMBLIES**
Mechanically Attached and Molded Designs for Industrial Applications
With Super-Trex or Trex-Onics cable for proven performance where flexing, abrasion, impact and oil can cause premature cable failure. Custom lengths available.

**CONTROL/POWER ASSEMBLIES**
Industrial Circular Connectors
Available in three styles.
- **A-Line Style** is bayonet design for medium-duty applications.
- **V-Line Style** uses a ratcheting threaded design for heavy-duty applications.
- **X-Line** uses a threaded coupling for heavy-duty applications.
Cable Carriers At Work

Dual cable carriers with support extensions installed beneath them. Used as part of a component “Pick & Place” system.

Two steel track systems “piggy-back” together using a guide roller option on the lower carrier to support the upper track.

A continuous “looped” cable carrier system using a series of vertical supports.

A double stacked cable carrier with an open trough design.

Fully connectorized cable carrier system used on an automated stacker retrieval system in the Food & Beverage market.

This cable carrier system incorporates a travelling A-frame support for the overhead horizontal section.

This system is suspended on a vertical boom system and travels with the boom as it is extended and retracted.

Alternate view of a fully connectorized cable carrier system used on an automated stacker retrieval system in the Food & Beverage market.

This cable carrier is installed on a vertical lift bridge.

This dual track system is installed on its side and travels with an amusement park ride.
A Broad Line Supplier of High Quality, High Performance Wire and Cable Products Designed for Abusive Industrial Environments

**SUPER-TREX**
- Power and Control Cables for Harsh Industrial Environments

**TREX-ONICS**
- Designed for High Flexing Applications

**THERMO-TREX**
- High Temperature Cable and Accessories

**CHEM-GARD**
- Designed for Extreme Heat, Cold and Chemical Exposure

**QUICK-CONNECTS**
- Quickly Switch Out Control Devices

**VULKO-WRAP**
- Self Vulcanizing Insulated Wrap

**KORD-GARD**
- Strain Relief for Cords and Cables

**GRIP-SEAL**
- Cord and Cable Protection against Extreme Temperatures and Chemicals

**CUSTOM ENGINEERED PRODUCTS**
- Designed to Meet Your Specific Need

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**MEXICO** 001-877-283-1696
**CHILE** 1230-020-0229
**COLOMBIA** 0-1-800-915-7519
**PERU** 0800-54863

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