

# Connectors

Industrial Connector Systems



TPC

A Premier Farnell Company

Power &  
Control  
Assemblies  
.....

HDLC &  
Rectangular  
Assemblies  
.....

Military  
Assemblies  
.....

Medium Voltage  
Terminations  
.....

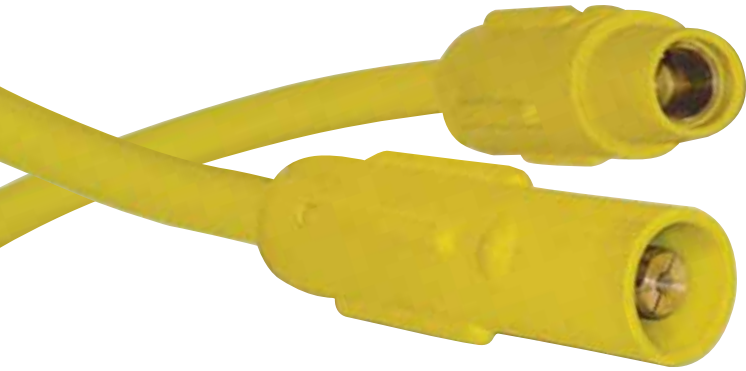


Wide range of styles suitable for commercial and military applications

Designed and engineered to deliver maximum performance in the harshest environments

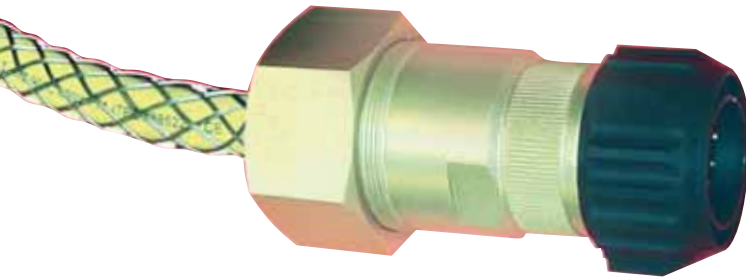
Long life provides cost savings

# Connector



## **MOLDED SINGLE POLE CAM-TYPE** *Connectors are Molded to Cable for Environmental Seal*

Will mate with standard E1016 "Taper Nose" series connectors. Available using #2, 2/0 or 4/0. Often used for equipment grounding cables, power extension cables for generators and welding ground cables. E1018 "Ball Nose" version also available. Connectors rated to 600 volts, 405 amperes.



## **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.

**Custom lengths  
and strain reliefs  
available**

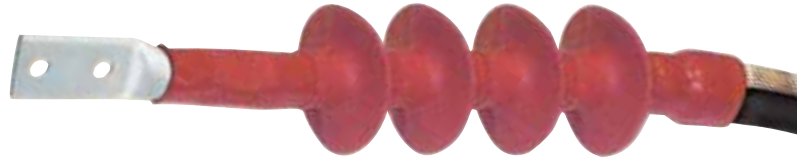
# Assemblies

ASK ABOUT OUR  
ENGINEERED PRODUCTS

## TYPE SH TERMINATION

### Standard or Custom Terminations Available

Type SH medium voltage single conductor power cable can be connectorized with Type SH terminations to fit your specific requirements. Cable can be cut to any length.



## HEAVY DUTY LUG TERMINATION

### Crimp Connections from 10 AWG to 750MCM

Standard or custom lugs and terminals. Custom cutting to specific lengths. Custom marking and packaging 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.

A-Line



V-Line

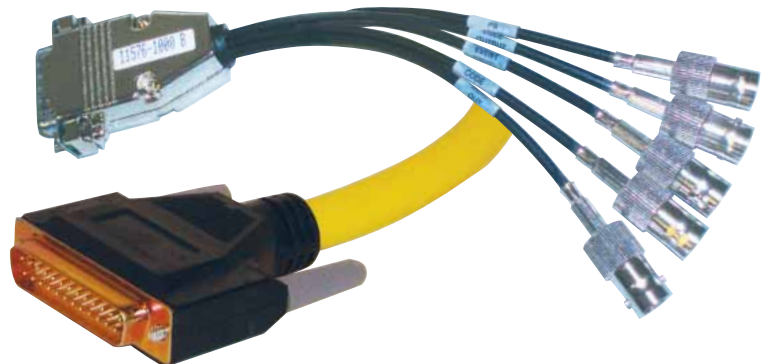


X-Line



## CUSTOM AND MOLDED D-SUB ASSEMBLIES

D-sub assemblies available in various configurations and pinouts for customer specific applications. Environmental protection and durability provided with molded versions.



## CUSTOM DESIGNED LUGS

Image at right is made of titanium for corrosion prevention. Strain relief covering cable jacket to prevent copper stranding fatigue and breaking in flexing applications.



# Connectors

*Power, Control,  
Rectangular,  
Military, HDLC  
and Nut Runner  
Assemblies*



**FULL LINE OF  
CONNECTOR  
ASSEMBLIES**

*Made with TPC's high performance cable.*



**TPC WIRE & CABLE, CORP.**

A Premier Farnell Company

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