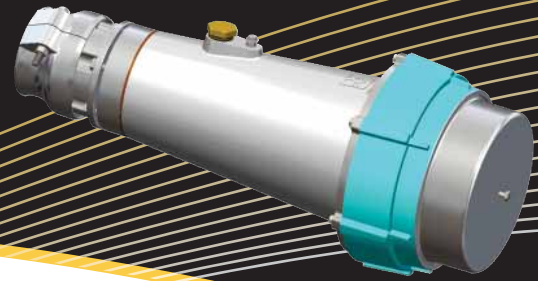




PATTON & COOKE Quick Thread Coupler



For Higher voltage applications Patton & Cooke Co. offers the 15kV, 500Amp Quick Thread Coupler Series.

A proven dependable performer in even the harshest environments, this North American Standard coupler offers many of our most requested design features that aid in easier operation and long lasting coupler life. You can customise this coupler to suit your application; remove or add features to create the coupler you need, or choose an industry standard configuration.

If compatibility is your concern, you can rest easy knowing that our designers have ensured that our Quick Thread Coupler can be used interchangeably with other couplers of North American design.



FEATURES

- easy maintenance with front end removable parts
- fire retardant insulators
- corrosion-resistant, cast aluminum or epoxy power coated bodies
- medially-located grounded surface running through mounting plate
- accepts conductors to 500 MCM (250mm²) and diameters up to 3.5" (90mm)
- can accommodate both multi lam and split pin contacts*
- standard or P&C Heavy Duty pilot available*
- option of coarse thread, fine thread & quarter turn couplers
- silver-plated male and female phase contacts
- weatherproof covers
- easily replaceable parts
- color coded collar
- cable mount couplers capable of fitting a various range of gasket clamp inserts (Entrance Fitting Kits)

BENEFITS

- fast and positive coupling and decoupling
- provide safety and lasting performance
- longer durability
- reduced installation time
- compatible with standard cable types and sizes
- compatibility or customization options
- oversize pilots can help reduce "nuisance" faults
- industry-wide compatibility
- easy, on-site, front-end maintenance
- superior coupler life
- cost-effective repair
- better visibility in the field
- provides maximum protection from moisture and dirt

* for compatibility, please order part that currently exists in your couplers. Please specify if you would like to convert to P&C pilot and contacts.

APPLICATIONS

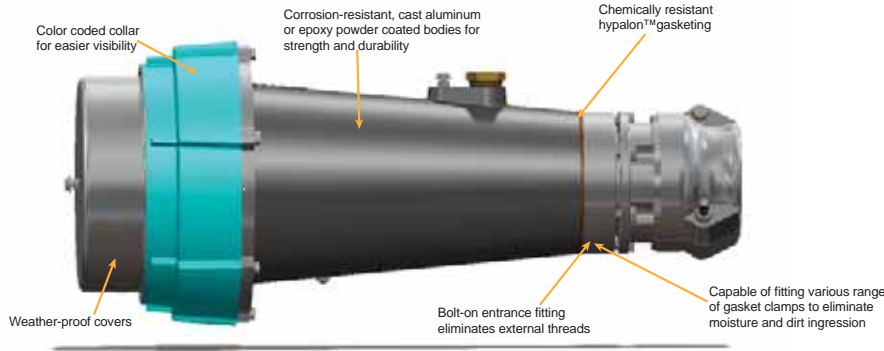


High Voltage Equipment Solutions. Design and Manufacturing.

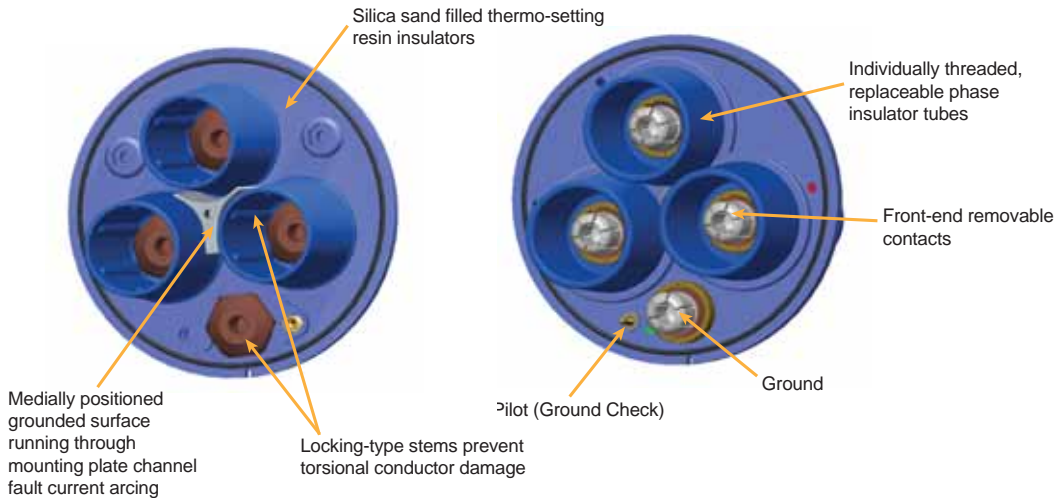


We make the connection.

> BODY DESIGN FEATURES



> INSULATOR DESIGN FEATURES



HOW TO ORDER

- Step 1: Determine Male (plug) or female (receptacle) contacts
 - Step 2: a. Cable or Equipment mounting
b. If cable mounting, determine cable outside diameter. Clamp inserts and cable gaskerts (Entrance Fitting Kits) must be purchased separately
 - Step 3: Determine conductor size
 - Step 4: Determine any additional options
- Refer to catalog or website

PLEASE NOTE:

- The standard contact arrangement for the 15kV coupler includes three insulated phase contacts, one ground contact, and one isolated pilot contact
- Potting compound is recommended for 15kV couplers
- Termination Kits are also available

PATTON & COOKE COMPANY

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Proudly Made by
Canadian Labour

> CONTACT OPTIONS*

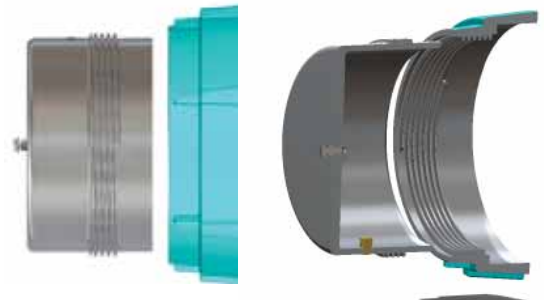


> PILOT OPTIONS*



> Available in: 4 Pitch[†] • 8 Pitch • 1/4 Turn

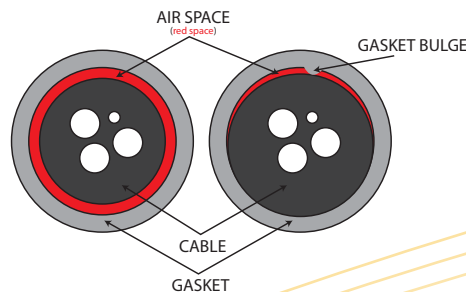
[†] 4 pitch thread is shown below



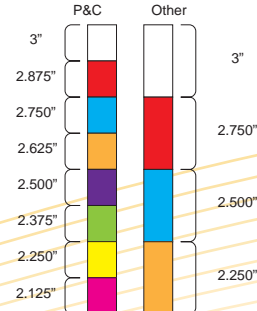
* for compatibility, please order part that currently exists in your couplers.
Please specify if you would like to convert to P&C pilot and contacts

> ENTRANCE FITTINGS

Gasket must compress sufficiently to eliminate the air space (red area) to result in a positive seal. Too much compression causes gasket to bulge - leaving air spaces for moisture and dirt ingress.



Entrance Fitting Kit Range**



** Our strain relief entrance fittings are available in increments of 1/8".

Refer to our catalog for appropriate part numbers.

> CONVERSION KITS

Patton & Cooke has various kits to allow the change from North America Standard contacts and/or pilot to P&C contacts and/or pilot with minimal downtime and without disturbing existing contacts, cable terminations, or entrance fittings.

Conversions are completed on the front end, connection and disconnection is done quickly without the need for special tools. These contacts are interchangeable with standard components used in the United States.



We make the connection.