



PATTON & COOKE CO.

**5/8 kV,
250 & 400 Amp
CABLE
COUPLERS**



*Meeting your high
voltage electrical
equipment needs*

GREAT NEW FEATURES! GREAT LOW PRICE!

Patton & Cooke set the standard for performance and dependability with the PK Series 5kV, 250 and 400 Amp cable couplers. The PK series couplers have proven their value throughout the mining industry worldwide. As mining equipment has increased in size, so to has their demand for power.

To meet the increasing power requirements, Patton & Cooke has introduced the C80 Series 250 Amp and 400 Amp Couplers. The C80 series incorporates all of our standard features but with added design features to give reliable and lasting performance at higher current levels.



*C80 Series
couplers
...we've
definitely left
our competitors
trailing far
behind*

Standard Features - All Models

Benefits

Enhanced entrance fitting combines strain relief and cable seal

- eliminates need for separate strain relief.
- easier installation.
- provides concentric, uniform clamping pressure, eliminating the problems of offset clamping.
- provides positive, waterproof seal.
- eliminates all hose clamps.

External stainless steel tensor springs on all female contacts

- provides superior conductivity.
- reduces damage from wear & tear.
- eliminates internal contact band.

Solderless contact stems (provides positive mechanical connection using two allen head fastening screws)

- reduces installation time.
- no special tools or soldering equipment needed.
- silver plated sockets for efficient power transfer.

Stainless steel quick flip coupling eye bolts

- eliminates pin damage from repeated assembly operations.
- increased pin tensile strength.

Heat treated, cast aluminum body

- greater strength and impact resistance.

Bolted stainless steel external jumpers

- provides positive grounding of body sections.
- maximizes personnel safety by providing visual confirmation of body ground continuity.

New Features - C80 Series

Benefits

Extended ground plane (runs uninterrupted through the length of the phase insulators)

- offers protection from phase to phase faults and flashovers.

Individual phase and ground check insulators

- convenience of front end replaceability.
- individually removable.
- reduces downtime.
- lowers replacement costs.
- can be replaced without purchasing entire three phase insulator assembly.



Contacts and insulator (shown disassembled) for PK Series 250 Amp couplers - available for 5kV and 8kV applications



Contacts and insulator (shown disassembled) for PK Series 400 Amp couplers - available for 5kV applications only.



Cable entrance assembly (shown disassembled) for PK Series couplers