



PATTON & COOKE 5/8 kV, 250 & 400 Amp Tunneling Series Cable Couplers



The quality and durability of Patton & Cooke's existing line of 8kV, 250 and 400 Amp couplers has already been proven throughout the mining industry - worldwide. But now that we've added new features, Patton & Cooke is now the coupler of choice for tunneling professionals.

So, if you want the best quality 8kV cable coupler at a competitive price, Patton & Cooke is your only choice.

| UNIQUE FEATURES | BENEFITS |
|---|--|
| Enhanced entrance fitting combines strain relief and cable seal (patent pending) | <ul style="list-style-type: none">• 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 |
| Individual phase and ground check insulators | <ul style="list-style-type: none">• convenience of front end replaceability• individually removable• reduces downtime• lowers replacement costs• can be replaced without purchasing entire three phase insulator assembly |
| Extended ground place (runs uninterrupted through the length of the phase insulators) | <ul style="list-style-type: none">• offers protection from phase to phase faults and flashovers |
| External stainless steel tensor springs on all female contacts | <ul style="list-style-type: none">• provides superior conductivity• reduces damage from wear and tear• eliminates internal contact band |
| Solderless contact stems (provides positive mechanical connections using two allen head fastening screws) | <ul style="list-style-type: none">• reduces installation time• no special tools or soldering equipment needed• silver plated sockets for efficient power transfer |
| Stainless steel quick flip coupling eye bolts | <ul style="list-style-type: none">• eliminates pin damage from repeated assembly operations• increased pin tensile strength |
| Heat treated, cast aluminum body sections | <ul style="list-style-type: none">• greater strength and impact resistance |
| Bolted stainless steel external jumpers | <ul style="list-style-type: none">• provides positive grounding of body sections• maximizes personnel safety by providing visual confirmation of body ground continuity |

Since many of you already use Patton & Cooke 8kV trailing cable couplers, we've designed these enhanced new coupler parts and components to be compatible with your existing equipment. **Contact Patton & Cooke for details.**



High Voltage Equipment Solutions. Design and Manufacturing.

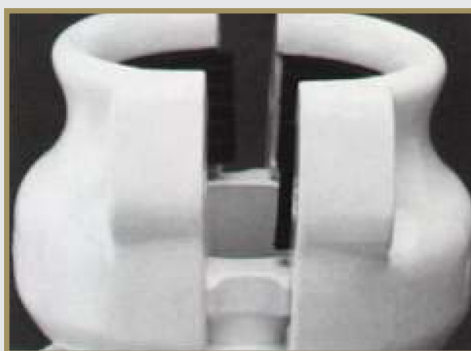
We make the connection.

COMPETITOR COMPARISON CHART - 8kV CABLE COUPLER 250 & 400 AMP

| Feature | Patton & Cooke Co. | Line Power | UEE | Brad Harrison | Trydor | PLM | TJB |
|--|--------------------|------------|-----|---------------|--------|-----|-----|
| Individually removable phase insulators | YES | no | no | no | no | no | no |
| Separate, front end replaceable ground check insulator | YES | no | no | no | no | no | no |
| Ground plane extends uninterrupted through full length of phase insulator | YES | no | no | no | no | no | no |
| Externally bolted stainless steel jumper | YES | no | no | no | no | no | no |
| New patent pending entrance fittings combining strain relief and waterproof cable seal | YES | no | no | no | no | no | no |
| Solderless contact stems | YES | no | yes | yes | no | no | yes |
| Stainless steel, quick flip coupling eye bolts | YES | no | yes | no | yes | no | no |
| All female contacts feature external stainless steel tensor springs | YES | no | yes | no | no | no | no |
| One stop shopping for all your coupler needs 208 volts to 25,000 volts | YES | yes | no | yes | no | no | yes |
| Offers a total mine power distribution package, including related accessories, switchgear, relays and safety devices | YES | yes | no | no | no | no | no |



Female contact with external stainless steel springs



Patented entrance fitting combining strain relief and cable seal



Ground plate and insulators shown removed