



# CABLE COUPLER SYSTEMS

HIGH VOLTAGE: 25kV, 800A

MINE CABLE SERVICES HIGH VOLTAGE CABLE COUPLERS, OPTIONS & ACCESSORIES



25kV, 800A Female Cable Mount Coupler & Male Equipment Mount Coupler Pair (Shown Above)

## FEATURES AND BENEFITS

- Light weight cast aluminum body components that provide strength and coupler durability
- Special self-centering entrance fitting ensures balanced cable strain relief and water seal.
- Oversized heavy duty entrance fittings and seals available to accommodate larger cables up to 5" diameter (large sizes available by custom order)
- Individual machined phase insulators made of high dielectric polymer, making our insulators break resistant and individually removable.
- Individual phase contacts & insulators are shielded to ground
  - Non-corrosive stainless steel and brass hardware
  - Powder or Epoxy coated body components are available
- Silver plated contacts are standard on all couplers 15kV-35kV
- 3 Connection options available for contacts: compression, mechanical, or solder style
- Integrated Fibre-optics capabilities (Custom design)



Female Equipment Mount Coupler Shown in Service (above) with Powder Coated Body

## Coupler Test Standards

- Tested to std. IEEE386-1995
- Where switchgear mounted couplers are required, MCS couplers match requirement of CSA C22.2 No.31-04
- Manufactured to meet IP67H standard



[www.minecableservices.ca](http://www.minecableservices.ca)



## MINE CABLE SERVICES HIGH VOLTAGE COUPLER OPTIONS & ACCESSORIES

### Available Materials for Coupler Installations:

- Coupler Disassembly Tools
- Coupler Separation Tools
- Coupler Installation/Cable Repair Tool Kit
- Dielectric Filling Compound, required for all couplers 15-2kV
- Stock or custom cut termination kits



MCS Connection Options: Compression, Mechanical, Solder Style Connection

Fibre-optic Connection via External Connection Box

Cable Termination & Coupler Installation Services available on site or in our repair facilities (Canada)

Dielectric Filling Compound (Re-enterable Encapsulant)



Custom Cut Cable Termination Kits for use with 25kV Cable Couplers:

Part Number: HVT-C251-1/40

25kV Termination kit for conductor range #1-4/0, SHD-GC cable

Part Number: HVT-C252-40/500

25kV Termination kit for conductor range 4/0-500MCM, SHD-GC cable

**FOR ADDITIONAL INFORMATION ON MCS CABLE COUPLERS PLEASE CONTACT:**

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