

CABLE COUPLER SYSTEMS

HIGH VOLTAGE: 25kV, 600A

MINE CABLE SERVICES HIGH VOLTAGE CABLE COUPLERS, OPTIONS & ACCESSORIES



25kV, 600A 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-25kV
 - ·3 Connection options available for contacts: compression, mechanical, or solder style

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

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









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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

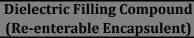


MCS Connection Options: Compression, Mechanical, Solder Style Connection

Fibre-optic Connection via External Connection Box

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







Coupler Disassembly Tool (Shown above for various sized cable couplers)



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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