



SIZE up to
25,000V 500A

INTRODUCTION

IMG offers a new line of Medium Voltage Cable Coupler Systems designed and manufactured for use in various mining (OP/UG), tunneling, and sea port/shore operations to distribute power to mobile/portable, electric equipment. While maintaining current market standards, numerous design improvements have been integrated into the new coupler designs in order to increase safety, durability and reliability in the field.

PRODUCT FEATURES & BENEFITS

- Crimping method of Wire Termination ensures a secure contact and connection between wires and pin/socket contacts.
- MWT System on Female Sockets ensures a secure and lasting connection between male & female contacts.
- Stress Controlled Adapters are re-usable and provides air-free termination.
- Aluminum tube shield on phase insulators prevents phase-to-phase faults and ensure proper high ground fault current conductivity.
- Phase Insulators are made from rigid, thermoset material ensuring durability, heat resistance and high insulation properties.
- Cable Entrance assembly is designed to seal & clamp cable to coupler with one action.
- Optional 'Key Interlock' system is an additional optional feature in the 25kV systems that prevents coupler disconnection without prior switch house lock-out.
- Optional Safe Eye-Bolt System, ensures pilot circuit separation prior to uncoupling thus reducing potential phase arcing.

PRODUCT OPTIONS

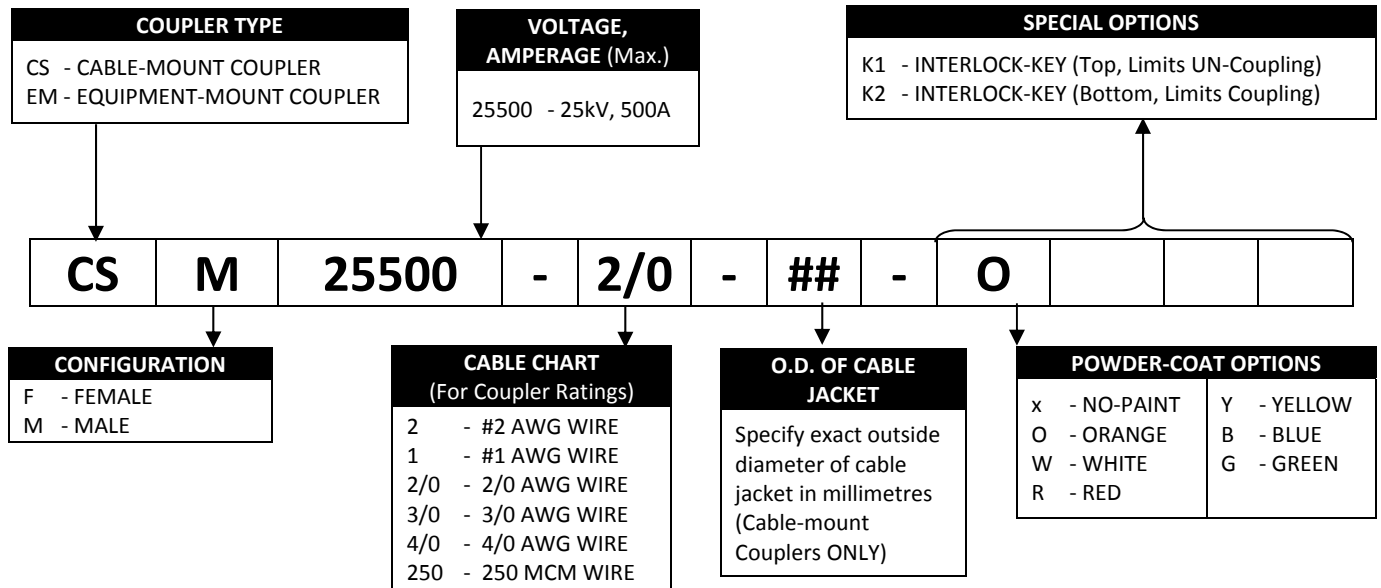
- Durable, Powder-Coat Finish (various colors)
- Standard and/or Lock-out Key Interlock Systems
- Safe Eye-Bolt System
- HD Roll-Over Skid & LOW Profile Cage



PRODUCT SPECIFICATIONS

- Maximum voltage 25kV; maximum amperage 500A
- Standard ambient temperature: -40°C to +80° C (-40°F to +176°F)
- Standard body finish: Bare aluminum alloy A365.2
- Standard hardware: Stainless Steel / Brass
- Standard contacts: Silver-plated Copper/Brass
- Available in Cable Range from 35 - 120mm² (#2 – 250MCM)
- Reusable Termination Kit

COMPLETE COUPLER PART NUMBERING GUIDE



ORDERING PROCEDURE:

Determine the

- Maximum current Amps required
- Cable size (*please specify Manufacture and/or OD of Cable*)
- Required Male or Female contacts
- Cable or Equipment-mounting

Options for 25kV Couplers:

- Bare metal or Powder-coated (Select Color Code)
- Fitted with Kirk-Key System → Select Type K1 or K2

COUPLER DIMENSIONS & WEIGHTS (based on 2/0 AWG Cable Assembly)

COUPLER PART NUMBER & DESCRIPTION	DIMENSIONS (mm)	WEIGHT (kg)	DIMENSIONS (in)	WEIGHT (lbs)
CSM25500 (Standard, Cable-Mount Coupler, Male contacts)	274 x 768	23.2	10.75 x 30.25	50.8
CSF25500 (Standard, Cable-Mount Coupler, Female contacts)	274 x 797	22.5	10.75 x 31.50	49.2
EMM25500 (Standard, Equipment-Mount Coupler, Male contacts)	274 x 369	17	10.75 x 14.50	39.4
EMF25500 (Standard, Equipment-Mount Coupler, Female contacts)	274 x 423	16.3	10.75 x 16.60	37.8