

# Rotating Cable Terminals

for High Current Water Cooled Cables

## Rotating Cable Terminals

Rotating cable terminals can be provided on all new or refurbished Watteredge manufactured water cooled cables. Our rotating cable terminals allow the high current furnace-side cable terminals to swivel as electrode arc furnace (EAF) electrode arms are raised and turned, keeping the cable jacket hose stabilized.

This rotating action increases cable life due to the elimination of kinks and twists to the cable from electrode arm movement. All Watteredge cables can be custom fabricated to application specific needs and customer provided specifications.

## Standard Cable Technical Specifications

### Stranding Options

- Concentric: 3,000 MCM - 20,000 MCM
- Rope Lay: 3,000 MCM - 20,000 MCM

### Terminal Specifications

- Rotating terminal mounted on furnace side
- Stationary terminal mounted at transformer

### Integrated Hose Options

- Bonded fiberglass or Nomex®
- With or without banded bumpers
- With integrated bumpers
- With integrated continuous spiral bumper

### Heat Shielding Options

- Pyro Jacket
- Stainless Steel Braid
- Kevlar®
- Silva Fiberglass
- Aluminized Kevlar®
- Aluminized Fiberglass
- Fiberglass

### Abrasion Shielding Specifications

- Continuous Scuff Guard Hose
- Integrated Bumpers

