



# ▶ Cable Management System – CMS-211

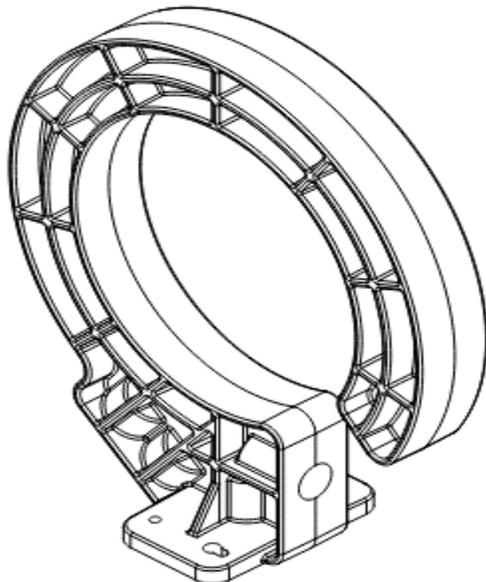
Descriptive Narrative

Tom Guilford ▶ Florida Construction Innovations, LLC. ▶ 4/17/2024

***The purpose of this descriptive narrative is to show the multiple uses of this Cable Management Device. The device is will be commonly known in the Construction, Oil & Gas Industries and Ship Restoration and Construction, as the CMS-211***

## **Applications and Features of the Cable Management Device – CMS-211**

- Temporary use during construction for electrical cord and welding lead management. The purpose of this device is to stay in compliance OSHA's temporary electrical cord & welding lead regulations. OSHA requires that electrical cords and welding leads be kept off the walking surface, routed through non-conductive surfaces. The CMS-211 mitigates electrocution risk, trip and fall hazards and damage to cords and welding leads. The product is 100% nonconductive in all applications and uses. The CMS-211 uses thermally welded brass inserts capable of holding 828 lbs of downward force (per unit).
- The cable management system was developed for use with already existing components used in construction and oil & gas industries throughout the world. These items include 3/8" all thread rod, concrete drop-in anchors, beam clamps, concrete & masonry anchors, sheetrock and wood framing screws and sheetrock wall anchors.
- The Cable Management System-211 (CMS-211) can be mounted vertically and horizontally. Three threaded brass inserts are integrated into the design along with an optional rare earth magnet for temporary or permanent use on metal building components. The CMS-211 is designed to be mechanically fastened to all construction wall types.



# Cable Management System – CMS-211

## Descriptive Narrative

The Cable Management System (CMS-211) was created to ensure the safety of modern workers in the Construction & Oil / Gas industries. Florida Construction Innovations produces the highest quality AMERICAN MADE products in the industries today and for the future.

### CMS-211 Facts & Compliance Certifications

- Thermally welded inserts hold 828 lbs. per unit. Testing Data collected by the part Manufacturer – Zehrco-Giancola.
- QMMY2.E91869 – Fabricated Parts – Component / UL Product iQ Certified.
- LI912(#), LI921 – Yellow Card Certified.
- Hundreds of color choices for exposed low voltage cable pathways.

### Temporary Applications

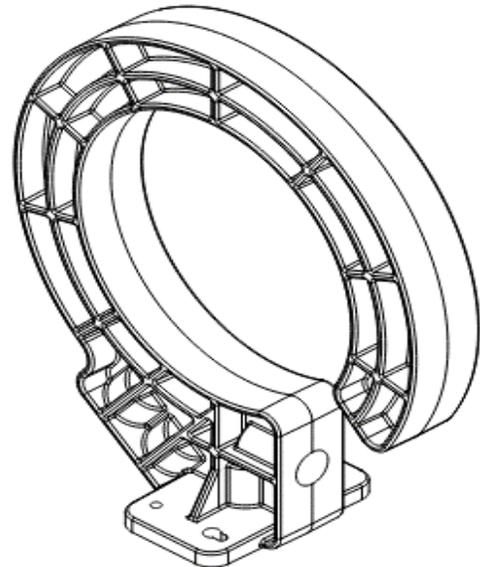
- Electrical cord and welding lead management during the construction process.
- Routine maintenance shutdowns of offshore oil rigs and on shore refineries.
- Work on Ship restoration and construction.
- Countless ways to mechanically attach the CMS-211.
- Rare earth magnet options with testing data.

### Permanent Applications

- Low voltage cable data pathways, devices can be connected for cable tray replacement.

- Routine maintenance shutdowns of offshore oil rigs and on shore refineries. CMS-211 can be permanently attached mechanically, bar clamps or using the super strong rare earth magnet options.
- Countless ways to mechanically attach the CMS-211, threaded rod with drop-in anchors or bar clamps.
- Two sizes and strengths of rubber coated rare earth magnet options. With manufacturer testing data, to provide for a correct choice of the options.

Figure 1 – CMS-211



The CMS-211 also has practical home applications, such as garage organization for home low voltage cable management. This all-in-one device will help to solve many modern problems with fact-based solutions.

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