ERICO® DYNASPHERE MKIV
Installation Instructions for 3m Stainless Steel Guyed Mast

**Preferred Angle**

45° - 60°

**ERICO DYNASPHERE**

(ERICO Part #: D/SMKIV-SS)

**Mast Adapter**

(ERICO Part #: INTCPADM116UN)

**Bonding Clamp**

(ERICO Part #: LPC570)

**Stainless Steel Mast**

(ERICO Part #: ER23000SS)

**Stainless Steel Cable Tie**

(ERICO Part #: CABLETIES5)

Three every 3.3FT [1M]

**Guy Wire Kit 4M**

(ERICO Part #: GUYKIT4)

Do not over-tension guy wires (Slightly sagging)

**Stainless Steel Mast Base**

(ERICO Part #: ER2BASESS)

Refer to Detail "B"

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**Detail "A"**

- Lighting Event Counter
  
  (ERICO Part #: LECLV)
  
  ERICO® ERICORE Downconductor

- Crow’s Foot

- Ground Inspection Well

- Bond to the existing building ground system with ERICO CADWELD Connection

- ERICO® CADWELD® Connection or mechanical connection

**Suggested three radial grounding system for each downconductor:**

The grounding system shown in the detail is a suggested layout. Each radial consists of a trench approximately 1.5FT [0.45M] deep, 3 x 20FT [6.1M] of 2/0 conductor is laid in the trench and is connected to ground rods. The conductor in each trench is encased in GEM material. Ground rods must extend 10FT [3M] below ground level.

Note: This is one of several alternative installation methods. Refer to ERICO instruction print IP79157 for more details. ERICO is not responsible for field installation of lightning protection systems. The installation integrity of each system should be approved and stamped by a structural professional engineer.

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**WARNING:**

1. ERICO products shall be installed and used only as indicated in ERICO product instruction sheets and training materials. Instruction sheets are available at www.ericocom and from your ERICO customer service representative.
2. ERICO products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
3. All instructions must be completely followed to ensure proper and safe installation and performance.
4. Improper installation, misuse, misapplication or other failure to completely follow ERICO’s instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

**SAFETY INSTRUCTIONS:**

All governing codes and regulations and those required by the job site must be observed.

Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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**Technical Support:**

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