II. BLUECRN2

BLUECRN2 Head Terminal Lightning rod is a tool that is the development of the lightning rod that has been previously issued by the CURRENT INDONESIA, so hopefully this is a lightning rod of excellence can be maintained properly and satisfactorily.

BLUECRN2 Head Terminal form field ionization better and faster than the surrounding terrain (dissipation Ionizer System) so BLUECRN2 finial will be more sensitive to lightning strikes than objects around him.

To meet the market demand will reach the desired protection, the CURRENT INDONESIA full out its latest product that has a variety of more varied range of protection. Besides variant/type that had previously existed, BLUECRN2 has variant/type at designated for a new building or buildings that have a relatively small square footage is smaller than 35 meters.

BLUECRN2 include:

1. Terminal Head
   Is the center of a lightning strike that put the highest positioned from the object you want protected and serves to direct lightning strike in direction to be distributed to the earth (grounding system).

2. Down Conductor
   Part of the system that serves as lightning protection current dealer who was arrested by the BLUECRN2 to the earth. BLUECRN2 using this type of cable single core size of 1 x 70mm2, down conductor must be electrical connected properly with the system only between Head Terminal and the Earth.

3. Grounding System
   Grounding/Earthing is a part of the lightning protection system wich a very vital function as a medium channelling current to the earth. Grounding system must be made of materials that both electrical conductivity and corrosive resistant.

4. Supporting Materials
   Is a supporting component that serves to supported lightning protection can if function properly.
### III. Technical Specifications

**BLUECRN2**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DIAMETER</th>
<th>WEIGHT</th>
<th>LENGTH</th>
<th>PROTECTION RADIUS (R) MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>N4. 120 Head Terminal Connecting Sleeve</td>
<td>190 mm 70 mm</td>
<td>3.700 gram 900 gram</td>
<td>500 mm 400 mm</td>
<td>120 meter</td>
</tr>
<tr>
<td>N3. 70 Head Terminal Connecting Sleeve</td>
<td>135 mm 70 mm</td>
<td>2.000 gram 750 gram</td>
<td>350 mm 300 mm</td>
<td>70 meter</td>
</tr>
<tr>
<td>N3. 35 Head Terminal Connecting Sleeve</td>
<td>110 mm 55 mm</td>
<td>1.300 gram 300 gram</td>
<td>300 mm 290 mm</td>
<td>35 meter</td>
</tr>
</tbody>
</table>

### IV. Why do we choose BLUECRN2

a. The best in his class  
b. Non Radio Active  
c. Strength of materials using pure solid copper material with a large enough size, body finial covered with fiberglass to reduce the induced magnetic field caused lightning strikes magnitude.  
d. Using electrostatic system so as to create a fast ionization field compared with the surrounding objects.  
e. Having ample protection radius up to maximum 120 meters.  
f. Visually attractive assessed in term aesthetic and easy placement.  
g. Easy to care for not too many supporting component.  
h. For a Fairly large building size cost issued will be less (cheaper).  
i. Functioning without external power, rather than benefitting the energy in clouds.  
j. External lightning protection category to protect for direct lightning strikes.

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Ruko Pelangi Taman Palenem Lestari Blk H no.36 Cengkareng - Jakarta Barat Jakarta 11730 Indonesia*
Manual Installation

- Head terminal
- Bolt
- Scun
- Cable NYY 1 x 50mm²
- Connecting sleeve

Gip 1.5 Inc (N4. 120, N3. 70)
Gip 1¼ Inc (N3. 35)